

RT-524
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ARMY

TM 11-5820-401-12

NAVY

NAVELEX 0967-432-3010

**OPERATOR'S AND ORGANIZATIONAL MAINTENANCE MANUAL
INCLUDING REPAIR PARTS AND SPECIAL TOOLS LISTS**

**RADIO SETS AN/VRC-12 (5820-00-223-7412), AN/VRC-43
(5820-00-223-7415), AN/VRC-44 (5820-00-223-7417),
AN/VRC-45 (5820-00-223-7418), AN/VRC-46
(5820-00-223-7433), AN/VRC-47 (5820-00-223-7434),
AN/VRC-48 (5820-00-223-7435), AN/VRC-49
(5820-00-223-7437), AN/VRC-54 (5820-00-223-7567),
AND AN/VRC-55 (5820-00-402-2265);
MOUNTING MT-1029/VRC (5820-00-893-1323) AND
MOUNTING MT-1898/VRC (5820-00-893-1324);
ANTENNA AT-912/VRC (5820-00-897-6357); CONTROL,
FREQUENCY SELECTOR C-2742/VRC (5820-00-892-3343)
AND CONTROL, RADIO SET C-2299/VRC (5820-00-892-3340)**

This copy is a reprint which includes current
pages from Changes 1 through 3.

WARNING

Dangerous voltages exist at the antennas of the receiver-transmitters.

Do not touch these antennas while the receiver-transmitters are transmitting.

Observe the precautions given in TB SIG 291 concerning vehicular whip antennas.

TECHNICAL MANUAL

ORGANIZATIONAL MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LISTS

FOR

RADIO SETS

AN/VRC-12 (NSN 5820-00-223-7412) AN/VRC-43 (NSN 5820-00-223-7415)
AN/VRC-44 (NSN 5820-00-223-7417) AN/VRC-45 (NSN 5820-00-223-7418)
AN/VRC-46 (NSN 5820-00-223-7433) AN/VRC-47 (NSN 5820-00-223-7434)
AN/VRC-48 (NSN 5820-00-223-7435) AN/VRC-49 (NSN 5820-00-223-7437)
AN/VRC-54 (NSN 5820-00-223-7567)

RECEIVER-TRANSMITTERS, RADIO

RT-246/VRC AND RT-246A/VRC (NSN 5820-00-892-0623)
RT-524/VRC AND RT-524A/VRC (NSN 5820-00-892-0622)

RECEIVERS, RADIO

R-442/VRC and R-442A/VRC (NSN 5820-00-892-0624)

MOUNTINGS

MK-2096/GRC (NSN 5915-01-024-3877)

MT-1029/VRC (NSN 5820-00-893-1323) MT-1898/VRC (NSN 5820-00-893-1324)

CONTROL FREQUENCY SELECTOR C-2742/VRC (NSN 5820-00-892-3343)

CONTROL, RADIO SET C-2299/VRC (NSN 5820-00-892-3340)

HEADQUARTERS, DEPARTMENT OF THE ARMY
9 JANUARY 1984

TECHNICAL MANUAL

No. 11-5820-401-20P

HEADQUARTERS
DEPARTMENT OF THE ARMY,
WASHINGTON, DC, 9 January 1984

**ORGANIZATIONAL MAINTENANCE REPAIR PARTS
AND SPECIAL TOOLS LISTS
FOR**

RADIO SETS

AN/VRC-12 (NSN 5820-00-223-7412) AN/VRC-43 (NSN 5820-00-223-7415)
AN/VRC-44 (NSN 5820-00-223-7417) AN/VRC-45 (NSN 5820-00-223-7418)
AN/VRC-46 (NSN 5820-00-223-7433) AN/VRC-47 (NSN 5820-00-223-7434)
AN/VRC-48 (NSN 5820-00-223-7435) AN/VRC-49 (NSN 5820-00-223-7437)
AN/VRC-54 (NSN 5820-00-223-7567)

RECEIVER-TRANSMITTERS, RADIO

RT-246/VRC AND RT-246A/VRC (NSN 5820-00-892-0623)

RT-524/VRC AND RT-524A/VRC (NSN 5820-00-892-0622)

RECEIVERS, RADIO

R-442/VRC and R-442A/VRC (NSN 5820-00-892-0624)

MOUNTINGS

MK-2096/GRC (NSN 5915-01-024-3877)

MT-1029/VRC (NSN 5820-00-893-1323) MT-1898/VRC (NSN 5820-00-893-1324)

CONTROL FREQUENCY SELECTOR C-2742/VRC (NSN 5820-00-892-3343)

CONTROL, RADIO SET C-2299/VRC (NSN 5820-00-892-3340)

Current as of 20 April 1983

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in the back of this manual direct to: Commander, US Army Communications-Electronics Command and Fort Monmouth, ATTN: DRSEL-ME-MP, Fort Monmouth, New Jersey 07703.

In either case, a reply will be furnished direct to you.

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SECTION I

INTRODUCTION

1. Scope

This manual lists spares and repair parts; special tools; special test, measurement, and diagnostic equipment (TMDE), and other special support equipment required for performance of organizational maintenance of the AN/VRC-12 Series. It authorizes the requisitioning and issue of spares and repair parts as indicated by the source and maintenance codes.

2. General

This Repair Parts and Special Tools List is divided into the following sections:

a. *Section II. Repair Parts List.* A list of spares and repair parts authorized for use in the performance of maintenance. The list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in numeric sequence, with the parts in each group listed in figure and item number sequence.

b. *Section III. Special Tools List.* Not applicable.

c. *Section IV. National Stock Number and Part Number Index.* A list, in National item identification number (NIIN) sequence, of all National stock numbers (NSN) appearing in the listings, followed by a list, in alphanumeric sequence, of all part numbers appearing in the listings. National stock numbers and part numbers are cross-referenced to each illustration figure and item number appearance.

3. Explanation of Columns

a. *Illustration.* This column is divided as follows:

(1) *Figure number.* Indicates the figure number of the illustration on which the item is shown.

(2) *Item number.* The number used to identify item called out in the illustration.

b. *Source, Maintenance, and Recoverability (SMR) Codes.*

(1) *Source code.* Source codes indicate the manpower of acquiring support items for maintenance, repair, or overhaul of end items. Source codes are entered in the first and second positions of the Uniform SMR Code format as follows:

Code	Definition
PA	Item procured and stocked for anticipated or known usage.
PD	Support item, excluding support equipment, procured for initial issue or outfitting and stocked only for subsequent or additional initial issues or outfittings. Not subject to automatic replenishment.
F	Support equipment which will not be stocked but which will be centrally procured on demand.
AO	Item to be assembled at organizational level.
XA	Item is not procured or stocked because the requirements for the item will result in the replacement of the next higher assembly.
XB	Item is not procured or stocked. If not available through salvage, requisition.

NOTE

Cannibalization or salvage may be used as a source of supply for any items source coded above except those coded XA and aircraft support items as restricted by AR 750-1.

(2) *Maintenance code.* Maintenance codes are assigned to indicate the levels of maintenance authorized to USE and REPAIR support items. The maintenance codes are entered in the third and fourth positions of the Uniform SMR Code format as follows:

(a) The maintenance code entered in the third position will indicate the lowest maintenance level authorized to remove, replace, and use the support item. The maintenance code entered in the third position will indicate one of the following levels of maintenance:

Code	Application/Explanation
O	Support item is removed, replaced, used at the organizational level.

(b) The maintenance code entered in the fourth position indicates whether the item is to be repaired and identifies the lowest maintenance level with the capability to perform complete repair (i.e., all authorized maintenance functions). This position will contain one of the following maintenance codes:

Code	Application/Explanation
F	The lowest maintenance level capable of complete repair of the support item is the direct support level.
D	The lowest maintenance level capable of complete repair of support item is the depot level.
Z	Nonreparable. No repair is authorized.

(3) *Recoverability code.* Recoverability codes are assigned to support items to indicate the disposition action on unserviceable items. The recoverability code is entered in the fifth position of the Uniform SMR Code format as follows:

Codes	Recoverability Definition
Z	Nonreparable item. When unserviceable, condemn and dispose at the level indicated in position 3.
F	Reparable item. When uneconomically reparable, condemn and dispose at the direct support level.
D	Reparable item. When beyond lower level repair capability, return to depot. Condemnation and disposal not authorized below depot level.
A	Item requires special handling or condemnation procedures because of specific reasons (i.e., precious metal content, high dollar value, critical material or hazardous material). Refer to appropriate manuals/directives for specific instructions.

c. *National Stock Number*. Indicates the National stock number assigned to the item and will be used for requisitioning purposes.

d. *Federal Supply Code for Manufacturer (FSCM)*. The FSCM is a 5-digit numeric code listed in SB 708-41/42 which is used to identify the manufacturer, distributor, or Government agency, etc.

e. *Part Number*. Indicates the primary number used by the manufacturer (individual, company, firm, corporation, or Government activity), which controls the design and characteristics of the item by means of its engineering drawings, specifications, standards, and inspection requirements to identify an item or range of items.

NOTE

When a stock numbered item is requisitioned, the repair part received may have a different part number than the part being replaced.

f. *Description*. Indicates the Federal item name and, if required, a minimum description to identify the item.

g. *Unit of Measure (U/M)*. Indicates the standard of the basic quantity of the listed item as used in performing the actual maintenance function. This measure is expressed by a two-character alphabetical abbreviation (e.g., ea, in, pr, etc.). When the unit of measure differs from the unit of issue, the lowest unit of issue that will satisfy the required units of measure will be requisitioned.

h. *Quantity Incorporated in Unit*. Indicates the quantity of the item used in the breakout shown on the illustration figure, which is prepared for a functional group, subfunctional group, or an assembly.

4. Special Information

a. The following publications pertain to the AN/VRC-12 series and its components:

SB 11-638, Application, Installation, Maintenance and Testing of Suppressor, Electrical, Transient.

TM 11-5820-401-12, Radio Sets, AN/VRC-12, AN/VRC-43, AN/VRC-44, AN/VRC-45, AN/VRC-46, AN/VRC-47, AN/VVRC-48, AN/VRC-49, AN/VRC-54; Mounting Kit, MT-1029/VRC and MT-198/VRC; Antenna Kit, AT-912/VRC; Control, Frequency Selector, C-2742 and Control, Radio Set, C-2299/VRC.

b. The illustrations in this manual are identical to those published in TM 11-5820-401-12. Only those parts assigned the third position SMR maintenance code "C" or "O" are listed in the tabular listing; therefore, there may be a break in the item number sequence. Only illustrations containing organizational authorized items appear in this manual.

c. Detailed assembly instructions for items source coded to be assembled are found in TM 11-5820-401-12. Assembly components are listed immediately following the item to be assembled.

e. National stock numbers (NSN's) that are missing from P source coded items have been applied for and will be added to this TM by future change/revision when they are entered in the Army Master Data File (AMDF). Until the NSN's are established and published, submit exception requisitions to: Commander, US Army Communications-Electronics Command and Fort Monmouth, ATTN: DRSEL-MM, Fort Monmouth, New Jersey 07703 for the part required to support your equipment.

5. How to Locate Repair Parts

a. When National stock number or part number is unknown.

(1) *First*. Using the table of contents, determine the functional group within which the item belongs. This is necessary since illustrations are prepared for functional groups and listings are divided into the same groups.

(2) *Second*. Find the illustration covering the functional group to which the item belongs.

(3) *Third*. Identify the item on the illustration and note the illustration figure and item number of the item.

(4) *Fourth*. Using the Repair Parts Listing, find the figure and item number noted on the illustration.

b. When National stock number or part number is known.

(1) *First*. Using the Index of National Stock Numbers and Part Numbers, find the pertinent National stock number or part number. This index is in NIIN sequence followed by a list of part numbers in alphameric sequence, cross-referenced to the illustration figure number and item number.

(2) *Second*. After finding the figure and item number, locate the figure and item number in the repair parts list.

6. Abbreviations

Not applicable.

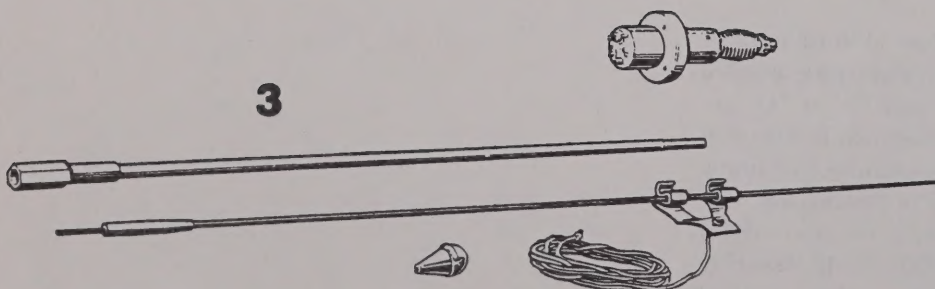
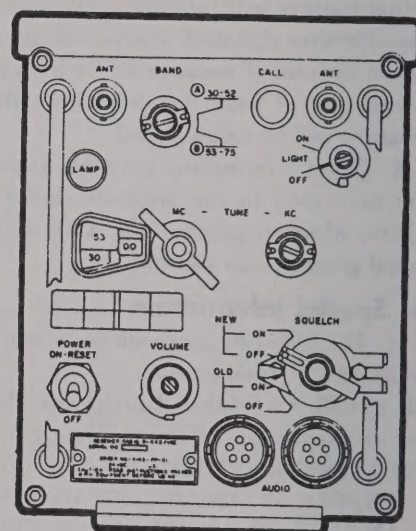
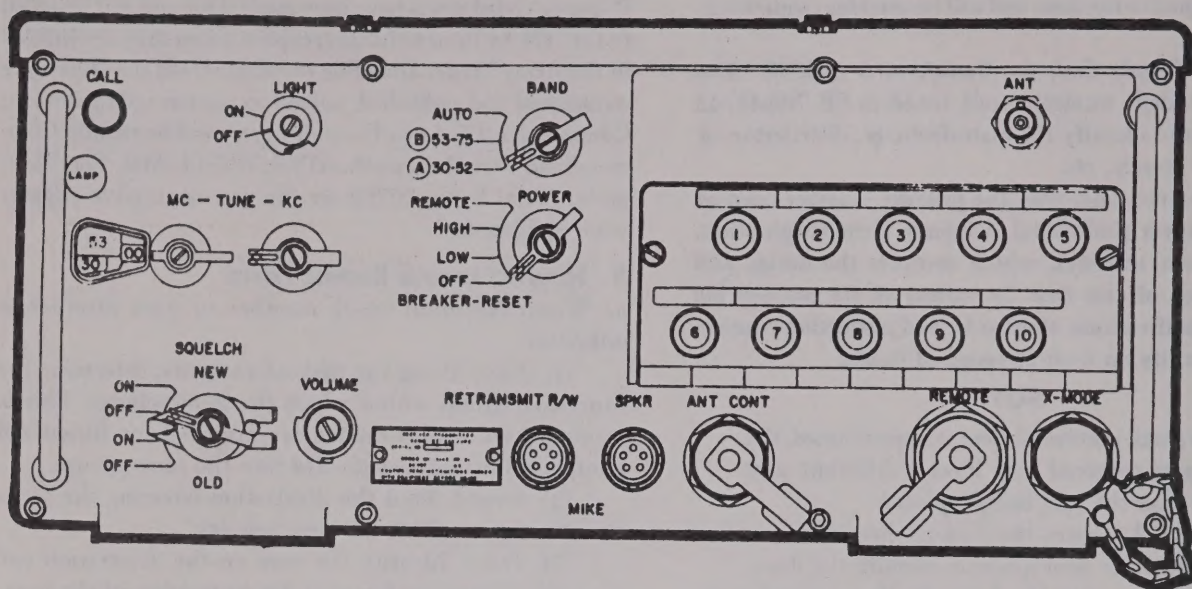


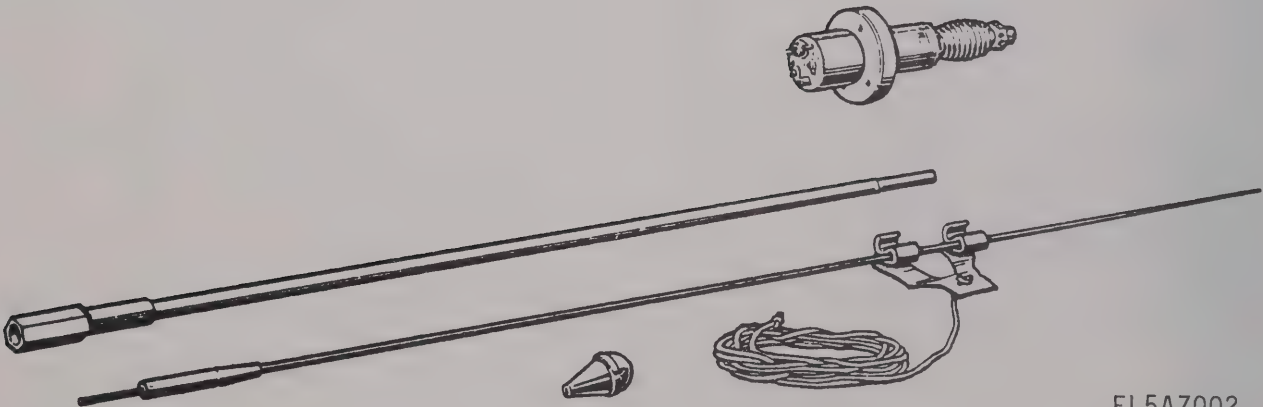
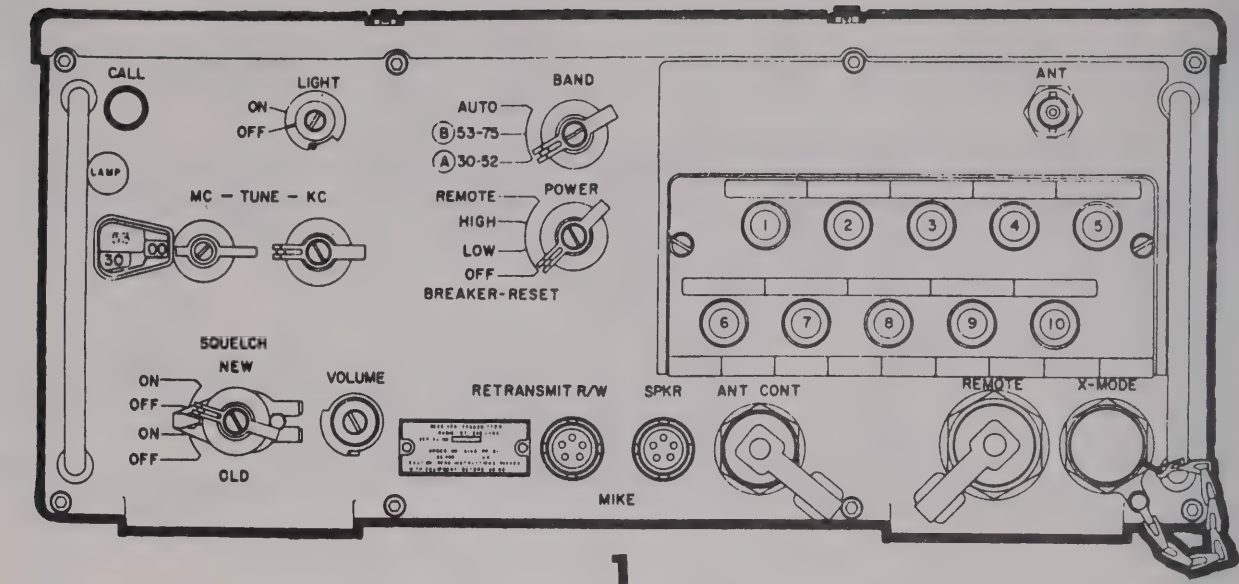
Figure 1. Radio Set AN/VRC-12.

EL5AZ001

SECTION II

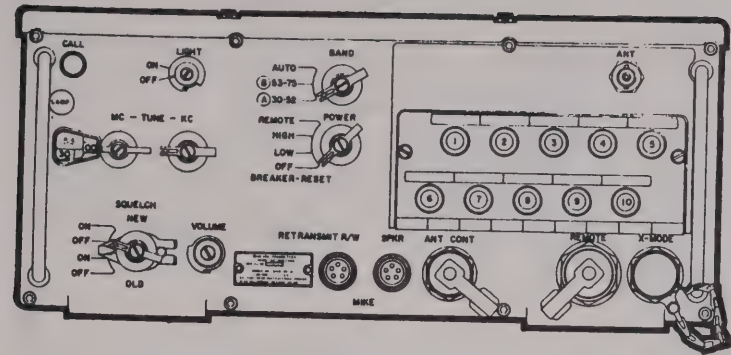
TM 11-5820-401-20P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO	(b) ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION USABLE ON CODE	U/M	QTY INC IN UNIT
						GROUP 00 RADIO SET AN/VRC12		
1	1	PFDD	5820-00-892-0623	80058	RT-246/VRC	RECEIVER-TRANSMITTE RT-246/VRC OR RT-246A/VRC.....	EA	1
1	2	PDJD	5820-00-892-0624	80058	R-442/VRC	RECEIVER,RADIO R442/VRC OR R442A/VRC.....	EA	1
1	3	PADFF	5985-00-985-9024	80058	AS-1729/VRC	ANTENNA AS-1729/VRC.....	EA	1



EL5AZ002

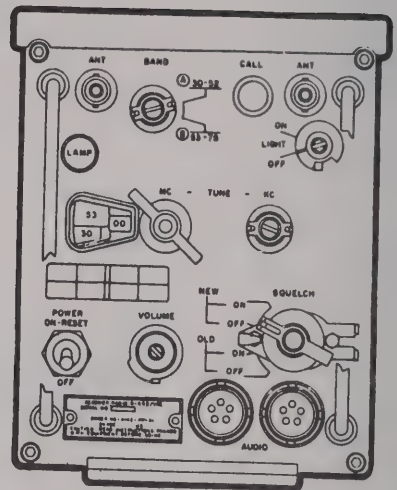
Figure 2. Radio Set AN/VRC-43.



1



3



2

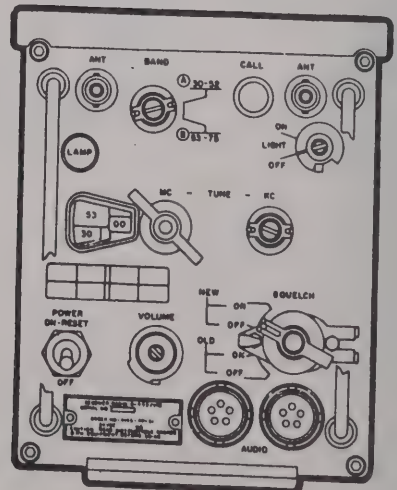


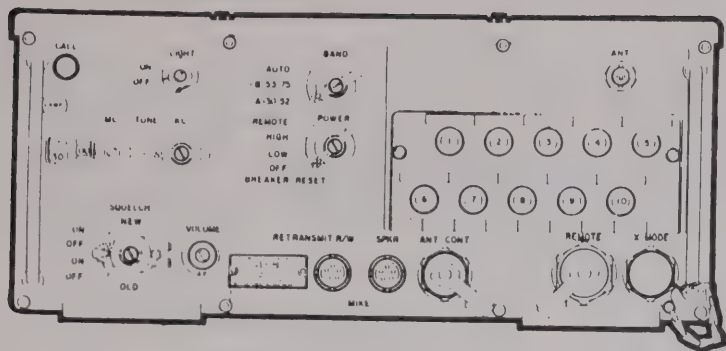
Figure 3. Radio Set AN/VRC-44.

EL5AZ003

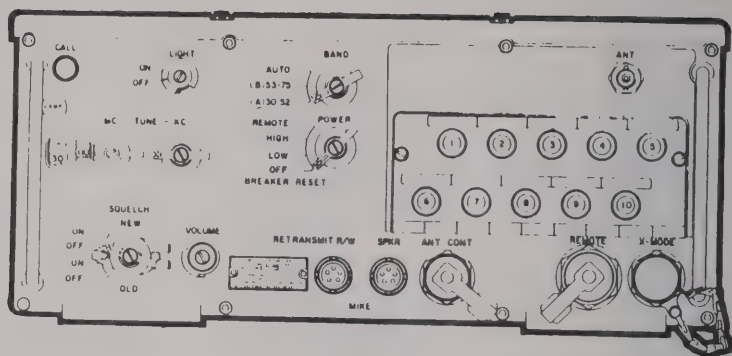
SECTION II

TM 11-5920-401-20P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(8) QTY INC UNIT
(a) FIG NO	(b) ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER		
3	1	PFUDD	5820-00-892-0623	80058	RT-246/VPC	GROUP 03 RADIO SET AN/VRC44 RECEIVER-TRANSMITTER RT-246/VRC OR RT-246A/VRC.....	EA 1
3	2	PDODD	5820-00-892-0624	80058	R-442/VRC	RECEIVER, RADIO R-442/VRC OR R-442A/VRC.....	EA 2
3	3	PACFF	5985-00-985-9024	80058	AS-1729/VRC	ANTENNA AS-1729/VRC.....	EA 1



1



2

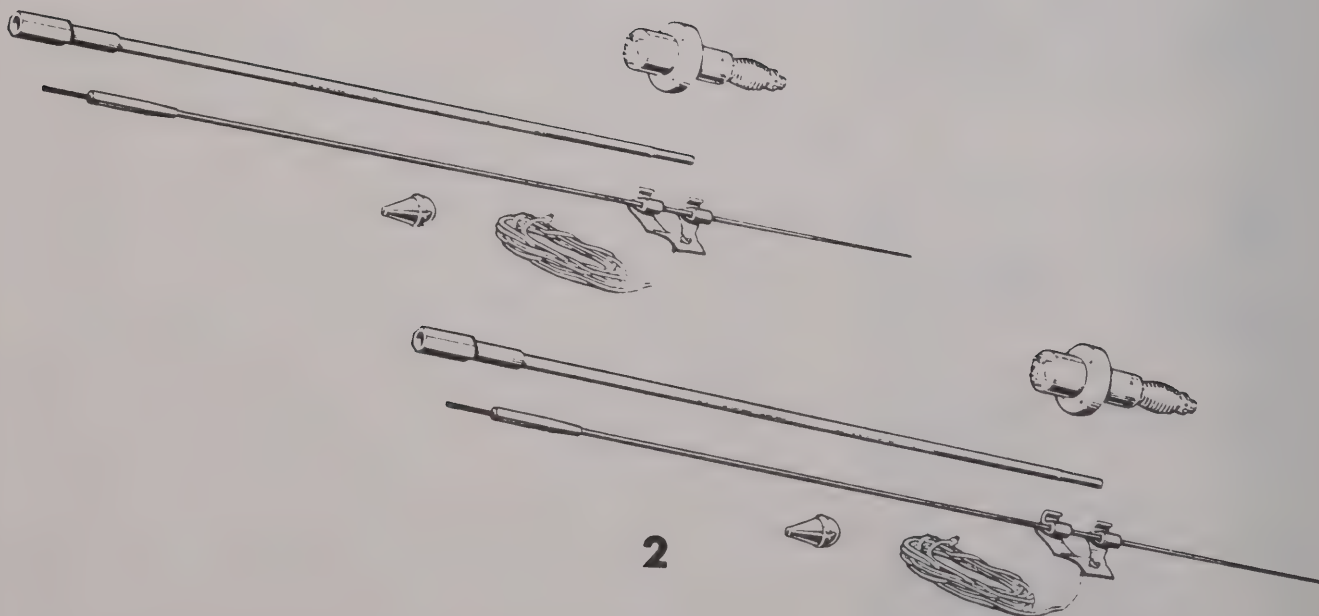


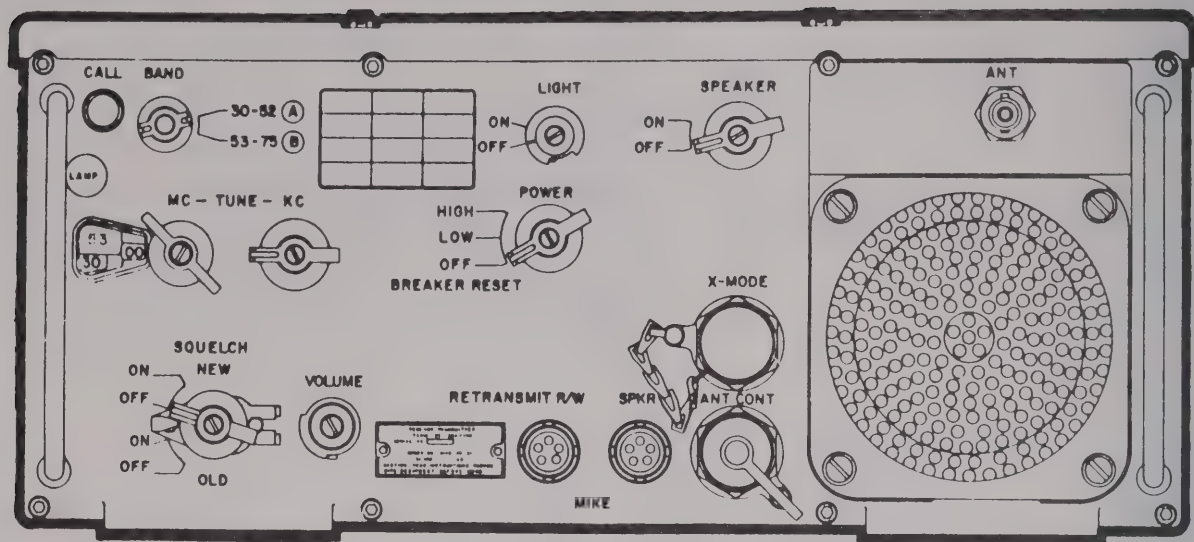
Figure 4. Radio Set AN/VRC-45.

EL5AZ004

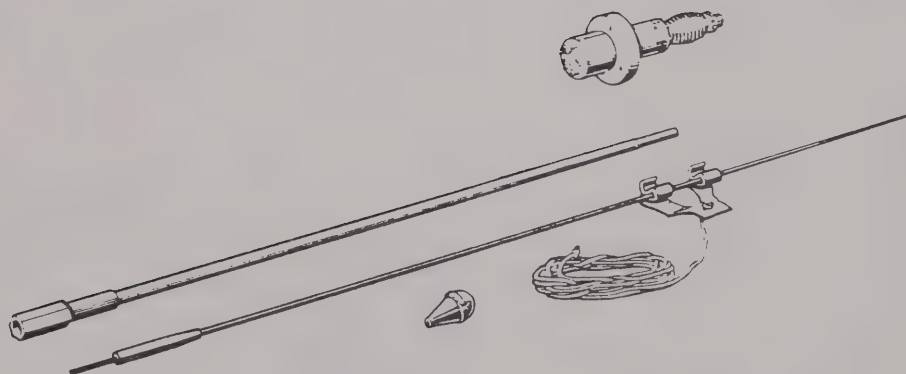
SECTION II

TM 11-5820-401-20P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(B) FIG NO	(D) ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION USABLE ON CODE	EA	QTY INC IN UNIT
						GROUP 00 RADIO SET AN/VRC45		
4	1	PFUDD	5820-00-892-0623	80058	RT-246/VRC	RECEIVER-TRANSMITTER RT-246/VRC OR RT-246A/VRC.....	EA	2
4	2	PAOFF	5985-00-985-9024	80058	AS-1729/VRC	ANTENNA AS-1729/VRC.....	EA	2



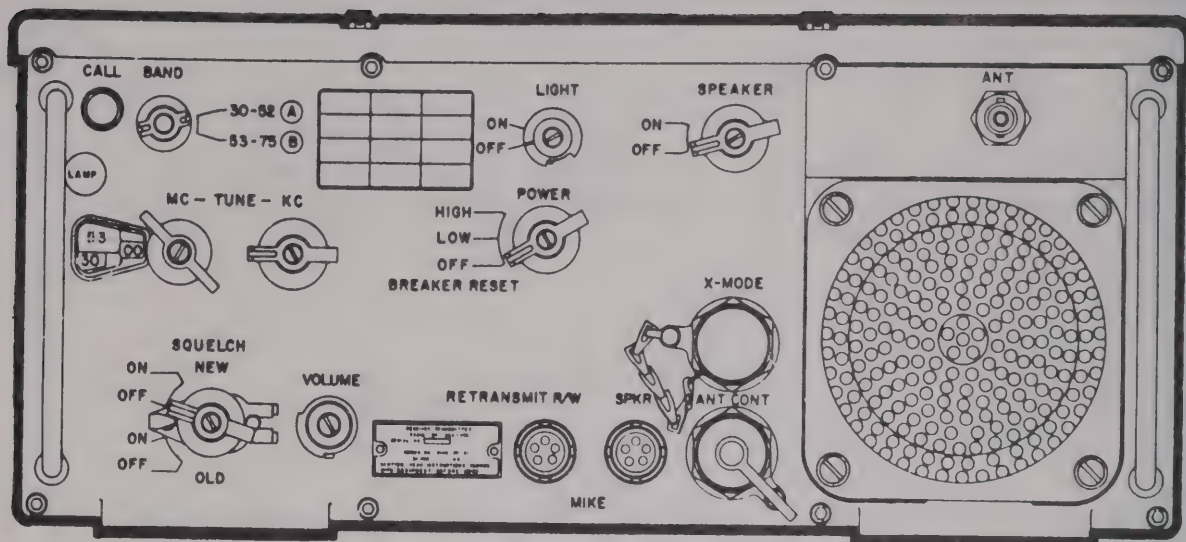
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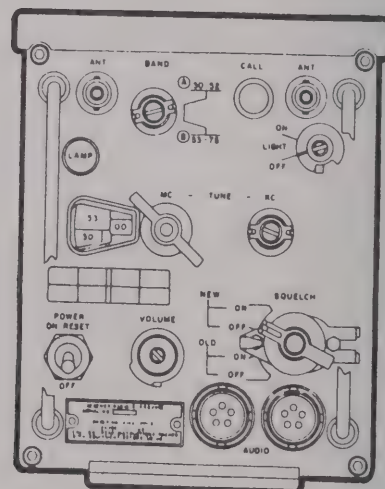
2

Figure 5. Radio Set AN/VRC-46.

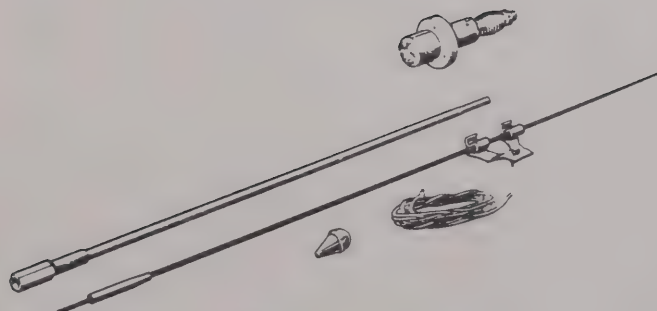
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2



3

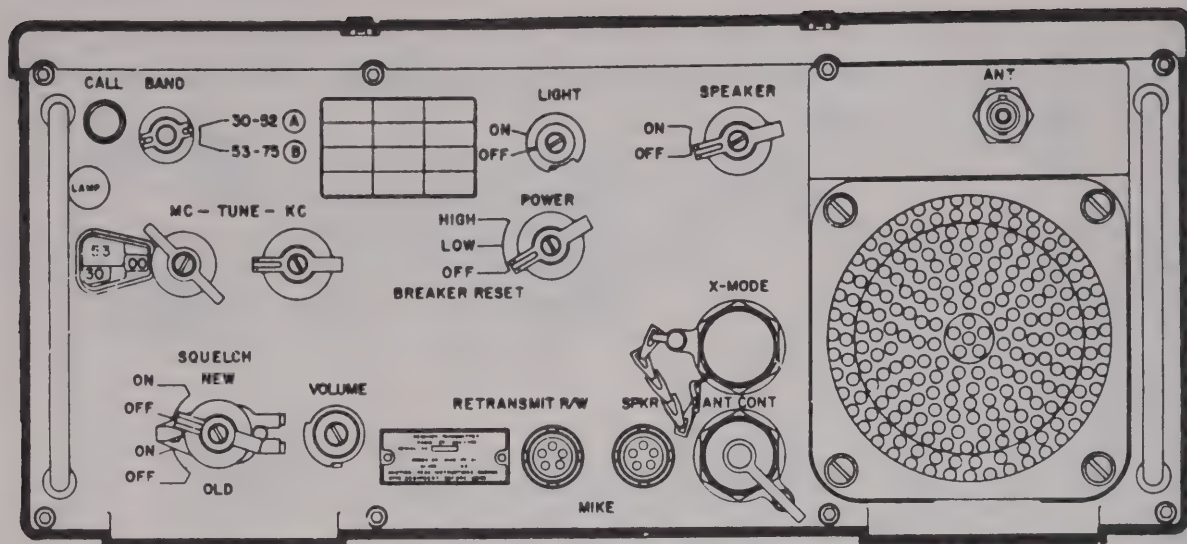
Figure 6. Radio Set AN/VRC-47.

EL5AZ006

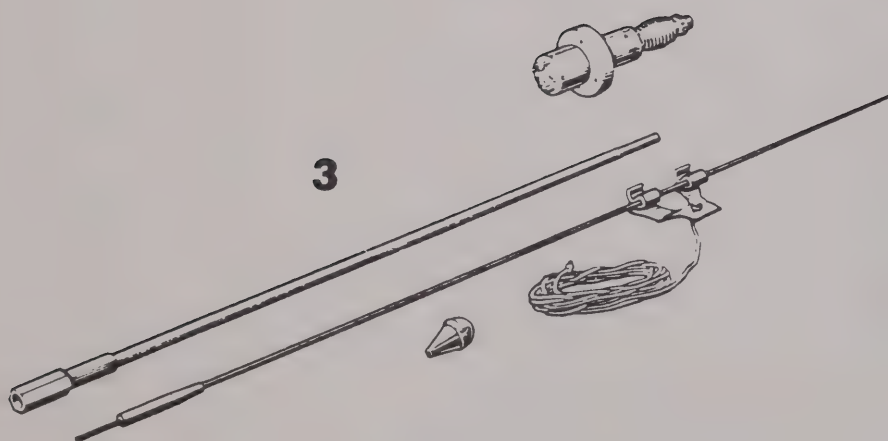
SECTION II

TM 11-5820-401-20P

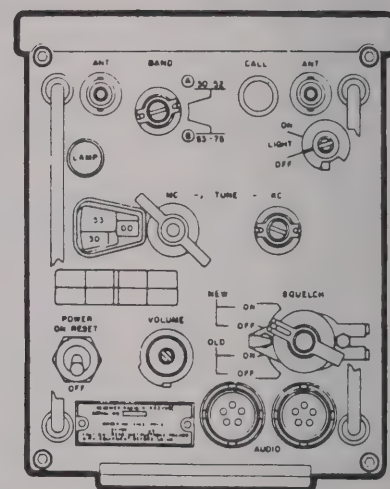
(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION USABLE ON CODE	(7)	(8)
(a) FIG NO	(b) ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER		U.M	QTY INC IN UNIT
						GROUP 00 RADIO SET AM/VRC47		
6	1	PD0DD	5820-00-892-0622	80058	RT-524A/VRC	RECEIVER-TRANSMITTE RT524/VRC OR RT524A/VRC.....	EA	1
6	2	PD0DD	5820-00-892-0624	80058	R-442/VRC	RECEIVER,RADIO R442/VRC OR R442A/VRC.....	EA	1
6	3	PAQFF	5985-00-985-9024	80058	AS-1729/VRC	ANTENNA AS-1729/VRC.....	EA	1



1



3



2

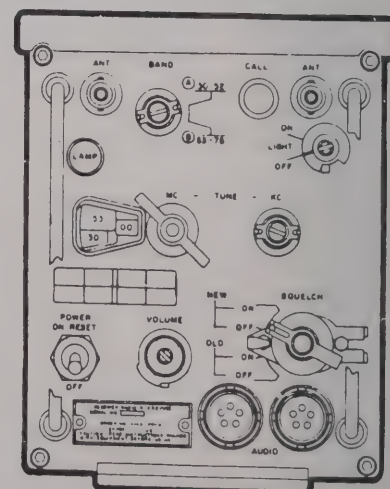


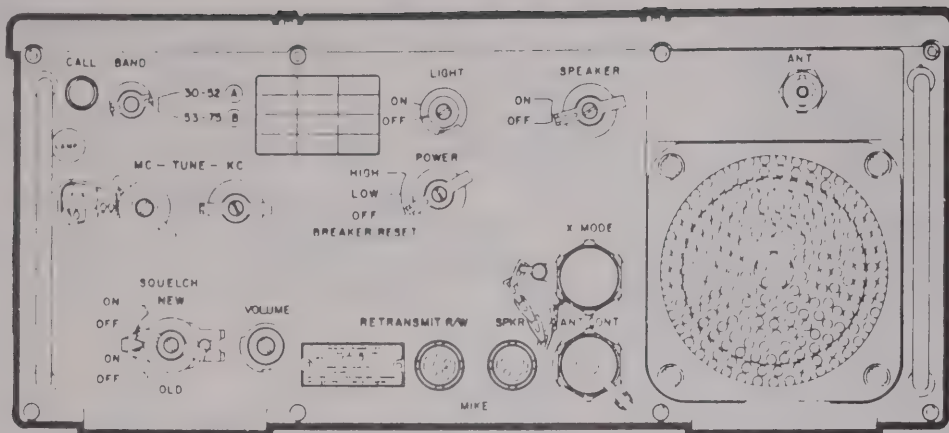
Figure 7. Radio Set AN/ARC-48.

EL5AZ007

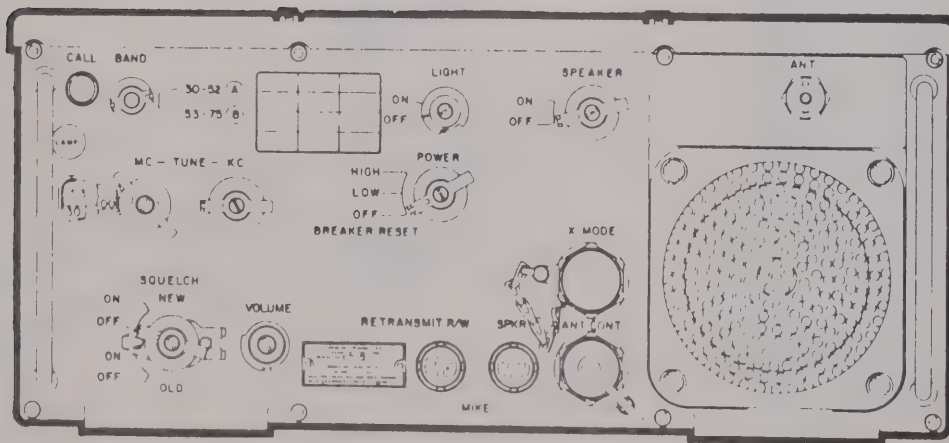
SECTION II

TM 11-5820-401-20P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO	(b) ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION	USABLE ON CODE	QTY INC IN UNIT
						GROUP 00 RADIO SET AN/VRC48		
7	1	P0000	5820-00-892-0622	80058	RT-524/VRC	RECEIVER-TRANSMITTE	EA	1
7	2	P0000	5820-00-892-0624	80058	R-442/VRC	RECEIVER,RADIO	EA	2
7	3	PA0FF	5985-00-985-9024	80058	AS-1729/VRC	ANTENNA	EA	1



1



2

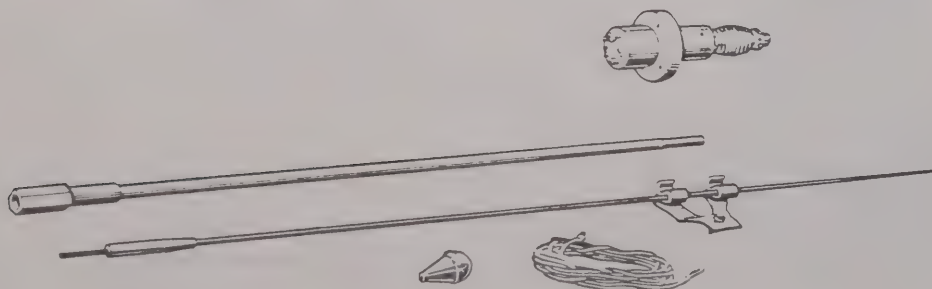


Figure 8. Radio Set AN/VRC-49.

EL5AZ008

SECTION 11

TM 11-5820-401-20P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO	(b) ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION	QTY INC IN UNIT	
						GROUP 00 RADIO SET AN/VRC49		
8	1	PDDDD	5820-00-892-0622	80058	RT-524A/VRC	RECEIVER-TRANSMITTER RT-524/VRC OR RT-524A/VRC.....	EA	2
8	2	PAUFF	5985-00-985-9024	80058	AS-1729/VRC	ANTENNA AS-1729/VRC.....	EA	2

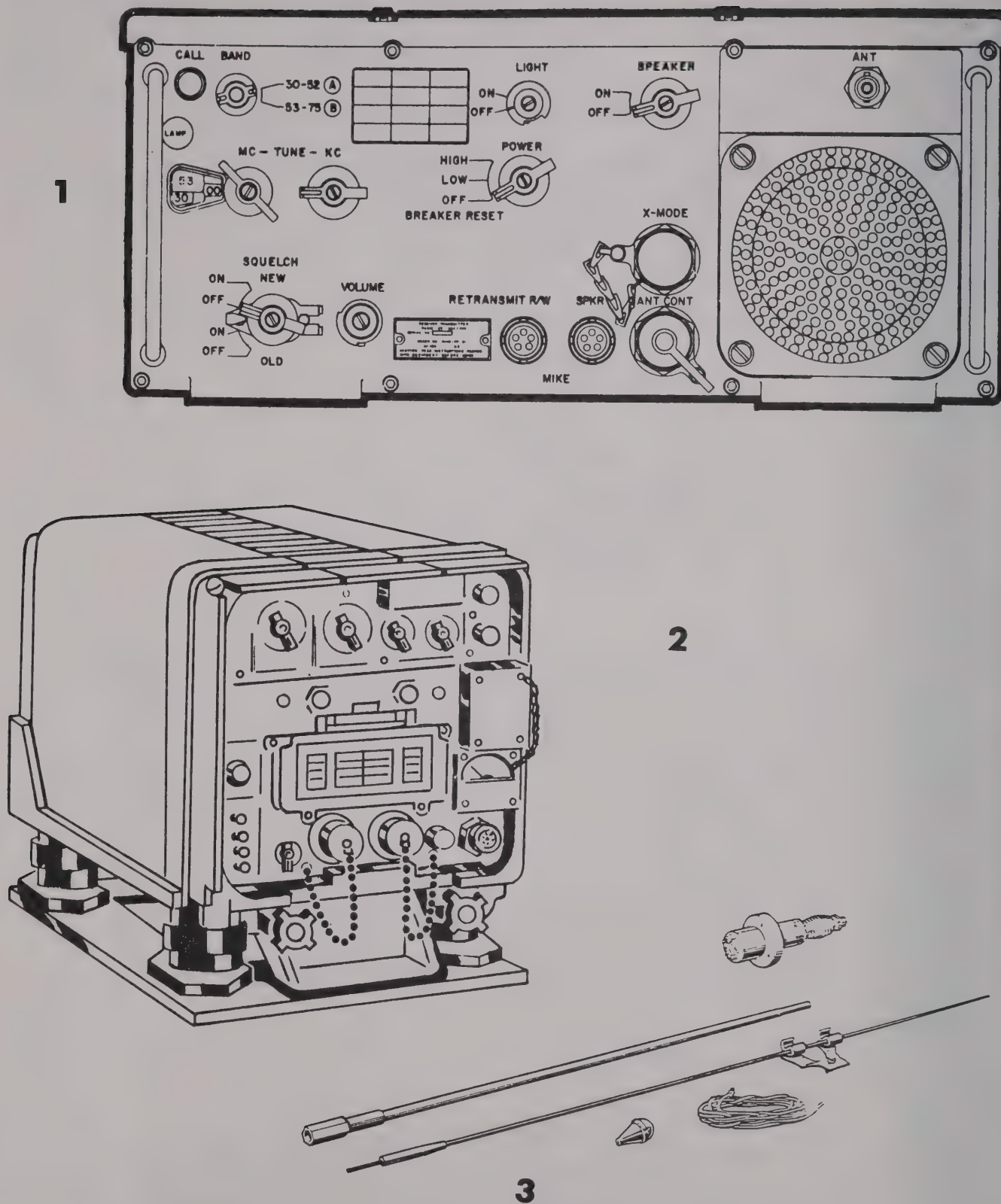


Figure 9. Radio Set AN/VRC-54.

EL5AZ009

SECTION II

TM 11-5820-401-20P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
Q NO	(b) ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION	USABLE ON CODE	QTY INC IN UNIT
						GROUP 00 RADIO SET AN/VRC54		
9	1	PD0DD	5820-00-892-0622	80058	RT-524/VRC	RECEIVER-TRANSMITTE RT524/VRC OR RT524A/VRC.....	EA	1
9	2	PA0FF	5985-00-485-9024	80058	AS-1729/VRC	ANTENNA AS-1729/VRC.....	EA	1
9	3	PD0DD	5820-00-402-2264	80058	AN/VRC-24	RADIO SET AN/VRC-24 OR.....	EA	1
9	3	PD0DD	5820-00-223-7413	80058	AN/VRC-24A	RADIO SET AN/VRC-24A.....	EA	1

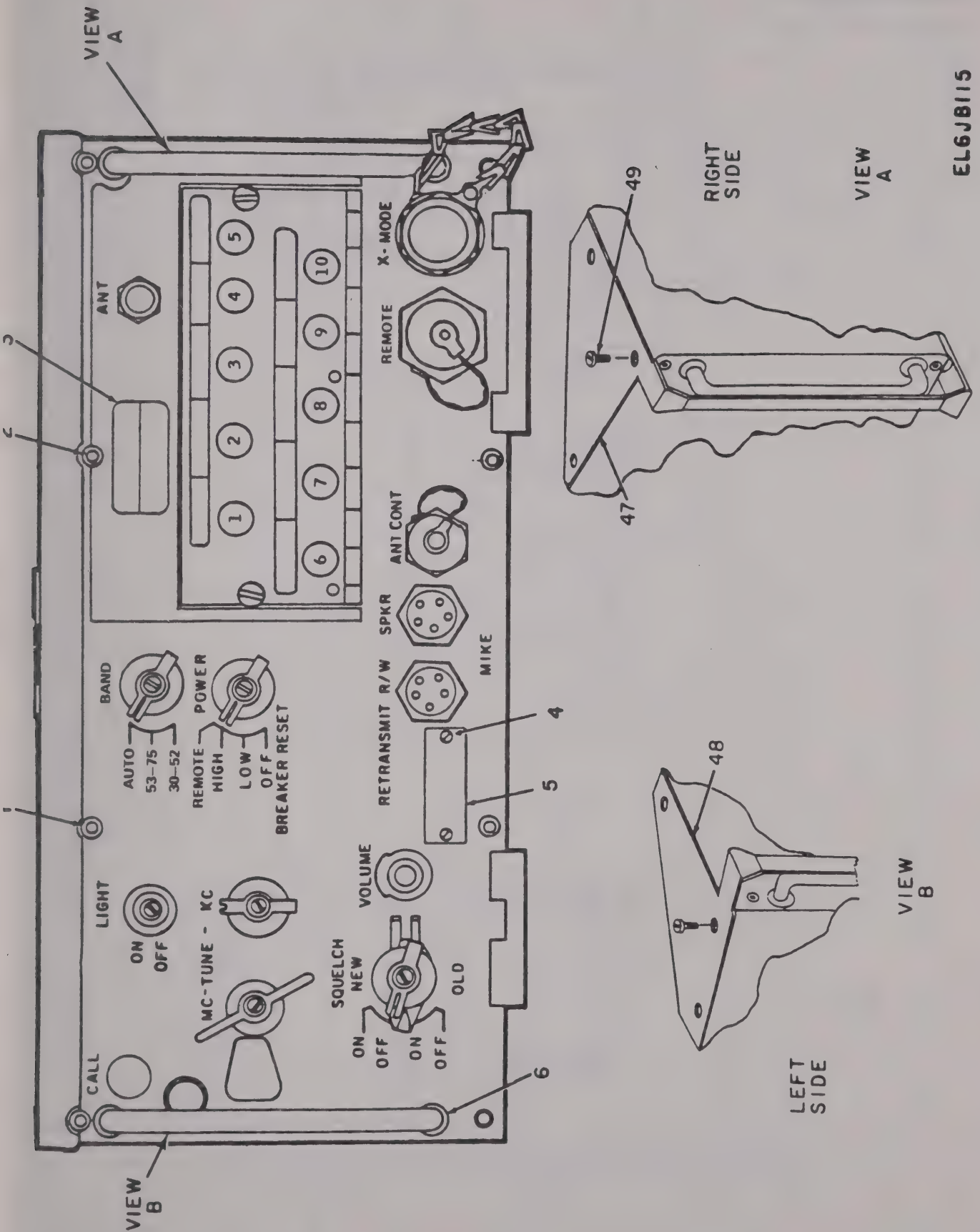
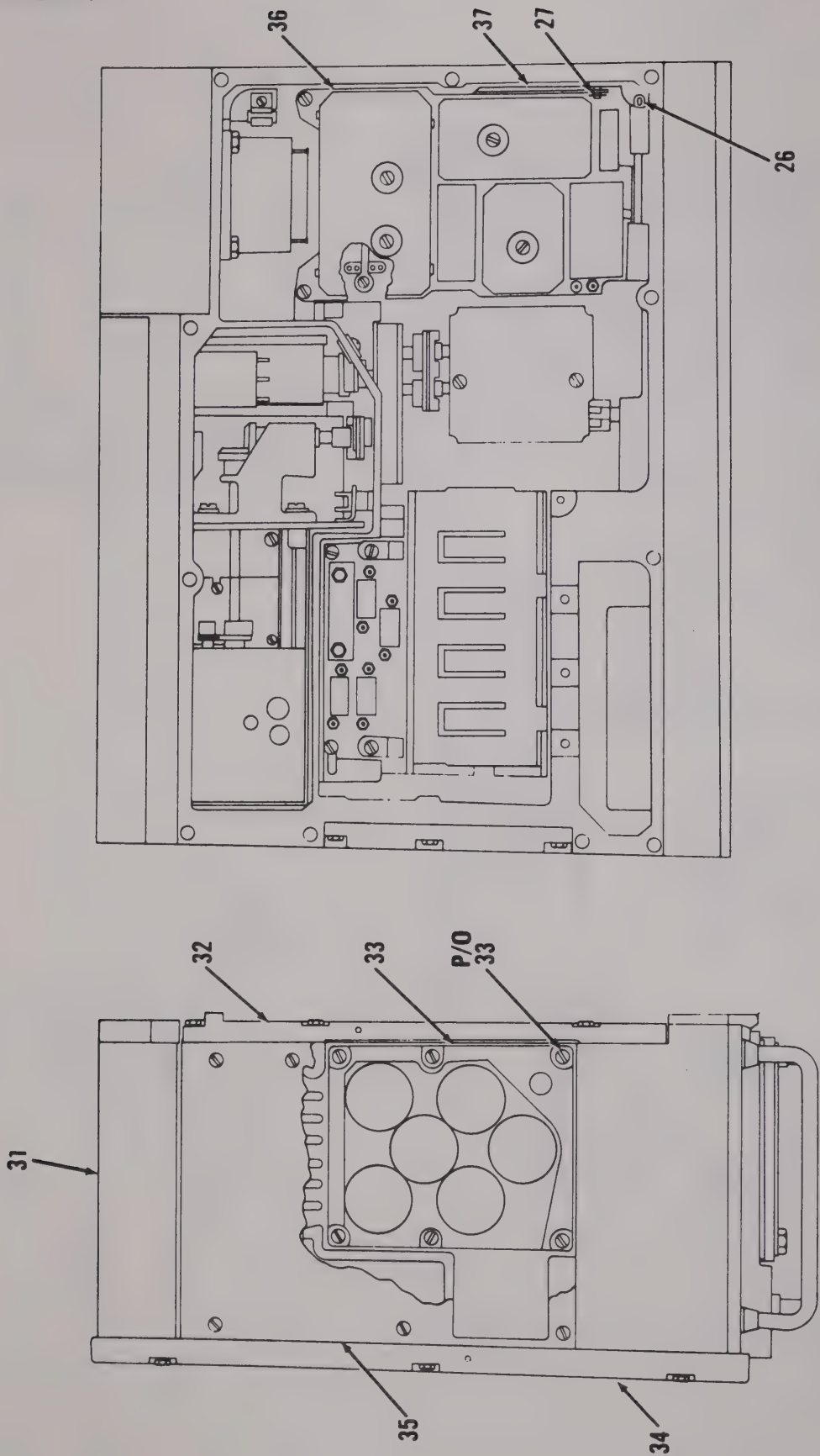


Figure 11. Receiver-Transmitters, Radio RT-246/VRC and RT-246A/VRC (Sheet 1 of 2).



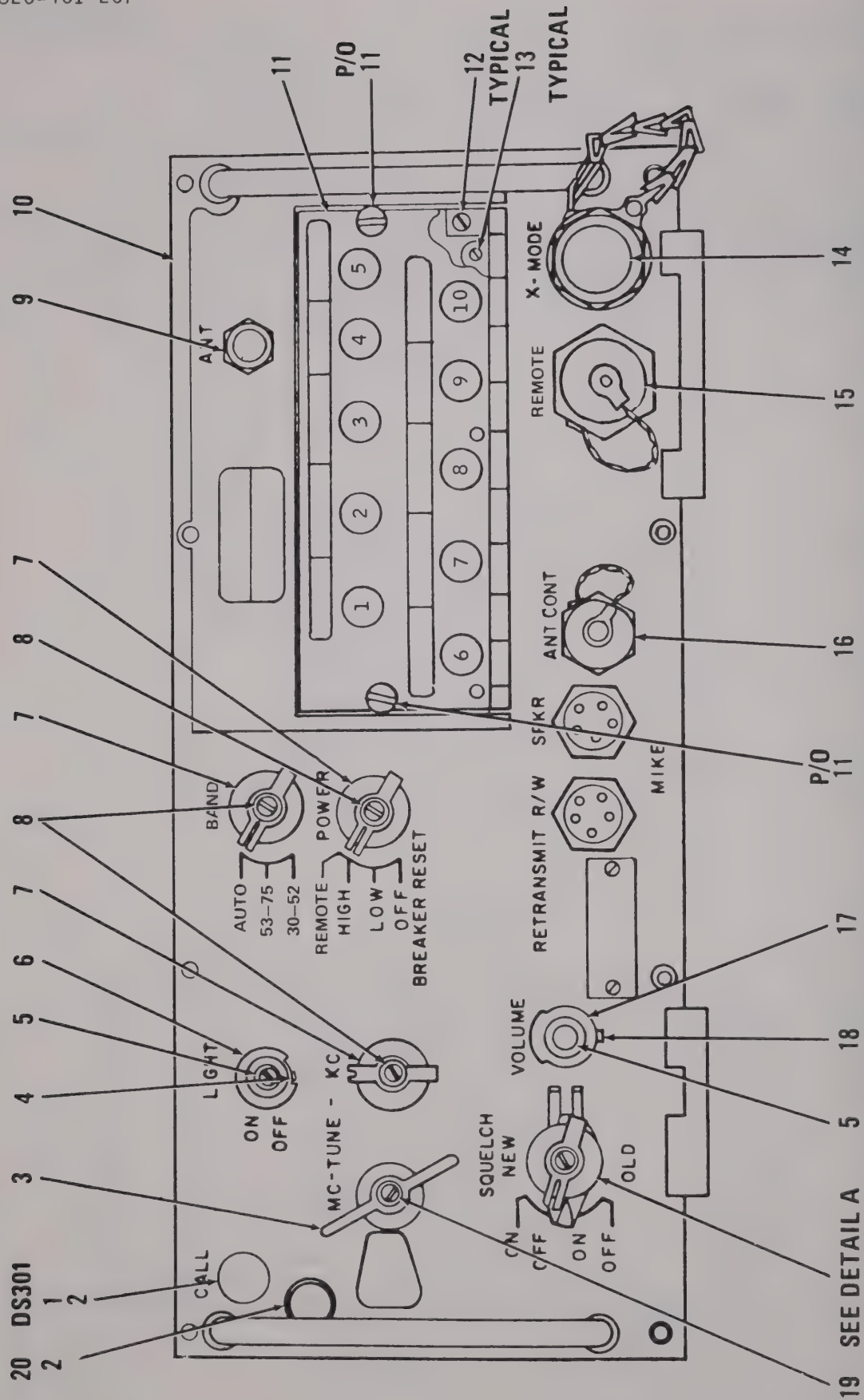
EL6JB117

Figure 11. Receiver-Transmitter, Radio RT-246/VRC and RT-246A/VRC (Sheet 2 of 2).

SECTION II

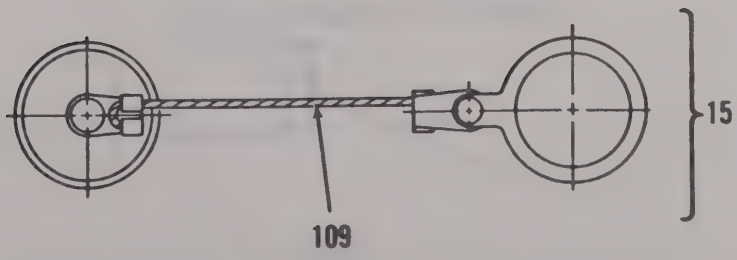
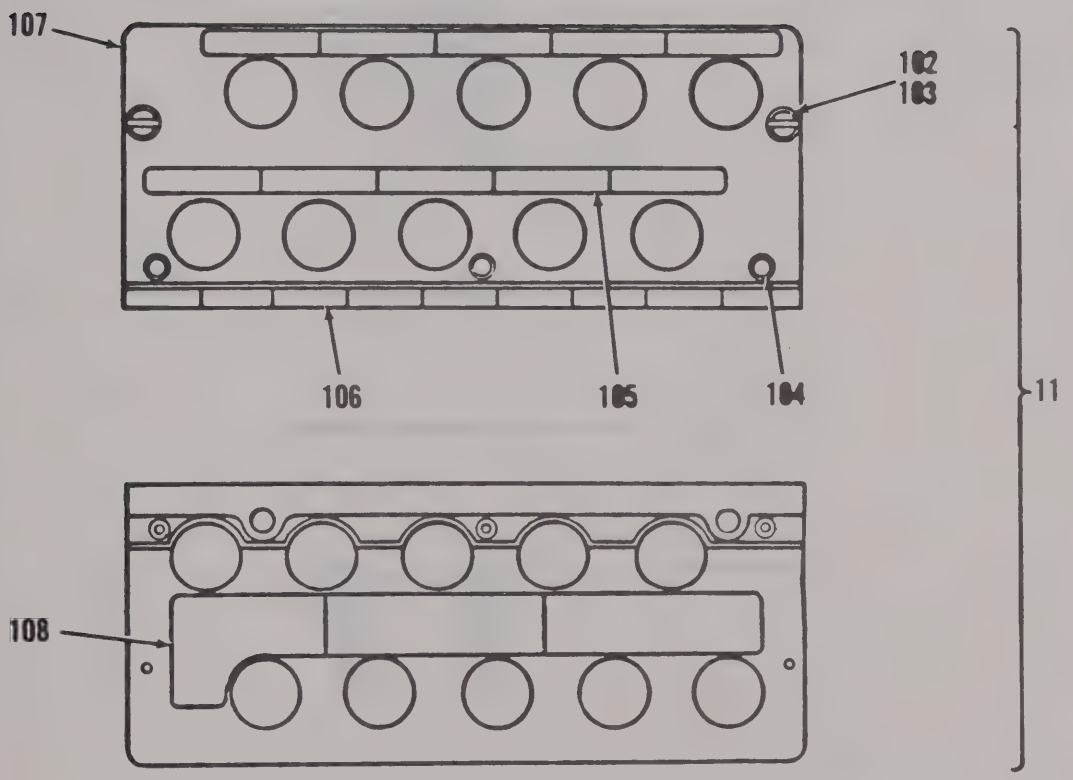
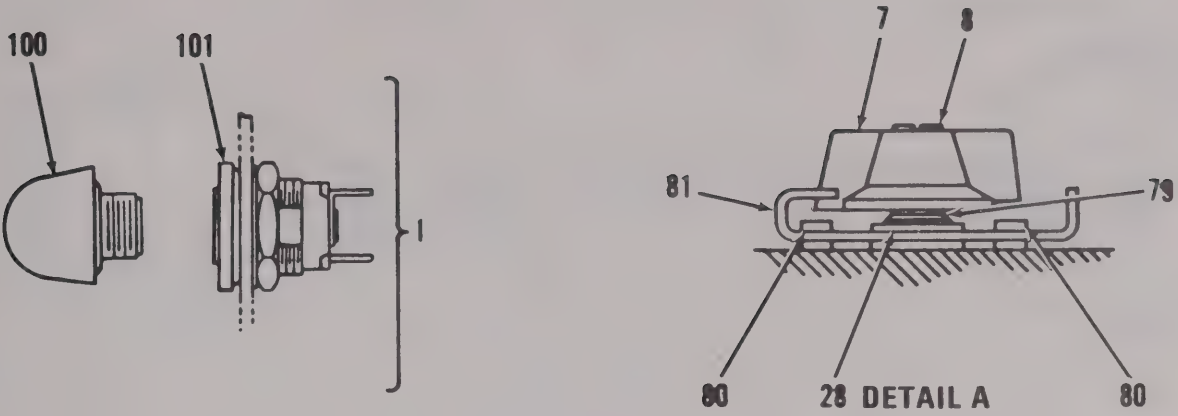
TM 11-5820-401-20P

(1) ILLUSTRATION		(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) FSCM	(5) PART NUMBER	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
(a) FIG NO	(b) ITEM NO.							
						GROUP 01 RECEIVER-TRANSMITTERS, RADIO RT- 246/VRC AND RT-246A/VRC		
11	3	PAOZZ	7690-01-125-1398	80063	SM-C-921086	LABEL.....	EA	1
11	32	PAOFF	5820-01-077-4505	80063	SM-D-414288	COVER ASSEMBLIES.....	EA	1
11	34	PAOFF	5820-00-884-2466	80063	SM-D-414297	COVER, ASSEMBLY.....	EA	1
11	35	A00ZZ		80063	SM-C-414284	COVER ASSY.....	EA	1



EL6JB119

Figure 12. Control Assembly (Sheet 1 of 3).



EL6JB122

Figure 12. Control Assembly (Sheet 2 of 3).

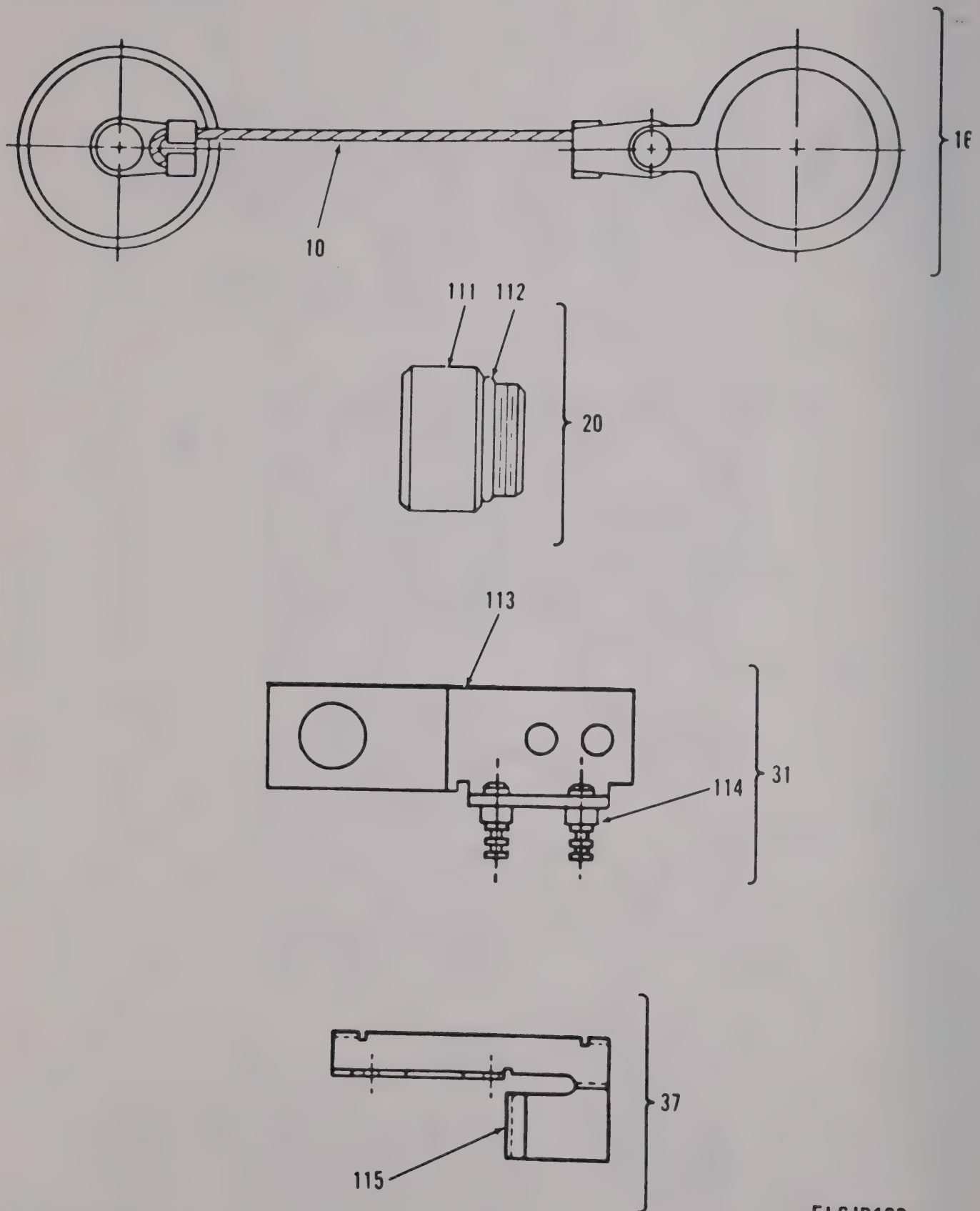


Figure 12. Control Assembly (Sheet 3 of 3).

EL6JB123

SECTION II

TM 11-5820-401-20P

ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
FIG NO	ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION	QTY IN UNIT	
GROUP 0101 CONTROL ASSEMBLY, FRONT PANEL								
12	2	PAQZZ	6240-00-155-7836	96906	MS25237-327	LAMP, INCANDESCENT.....	EA	2
12	3	PAQZZ	5355-00-059-9188	80063	SM-C-414401	KNOB.....	EA	1
12	5	PAQZZ	5310-00-853-9676	83512	S7892	NUT, SLEEVE.....	EA	1
12	6	PAQZZ	5355-00-853-6353	80063	SM-C-414393	KNOB.....	EA	1
12	7	PAQZZ	5355-00-616-9659	96906	MS91525-1	KNOB.....	EA	4
12	8	PAQZZ	5305-01-133-0155	03038	LP35223-27	SCREW, SELF-LOCKING.....	EA	4
12	15	PAQZZ	5935-00-990-5580	96906	MS3181-14N	COVER, ELECTRICAL CO.....	EA	1
12	17	PAQZZ	5355-00-853-6384	80063	SM-C-414399	KNOB.....	EA	1
12	19	PAQZZ	5305-01-126-7312	80063	SM-B-283611-2	SCREW, SELF-LOCKING.....	EA	1
12	20	PAQZZ	5820-00-859-2585	80063	SM-B-414407	CAP.....	EA	1
12	100	PAQZZ	6210-00-183-0513	81349	LC35YT2	LENS, LIGHT.....	EA	1
12	111	PAQZZ	5975-00-241-5146	80063	SM-C-414409	CAP, END SEAL, ELECTR.....	EA	1
12	112	PAQZZ	5330-00-584-0265	96906	MS28775-012	PACKING, PREFORMED.....	EA	1

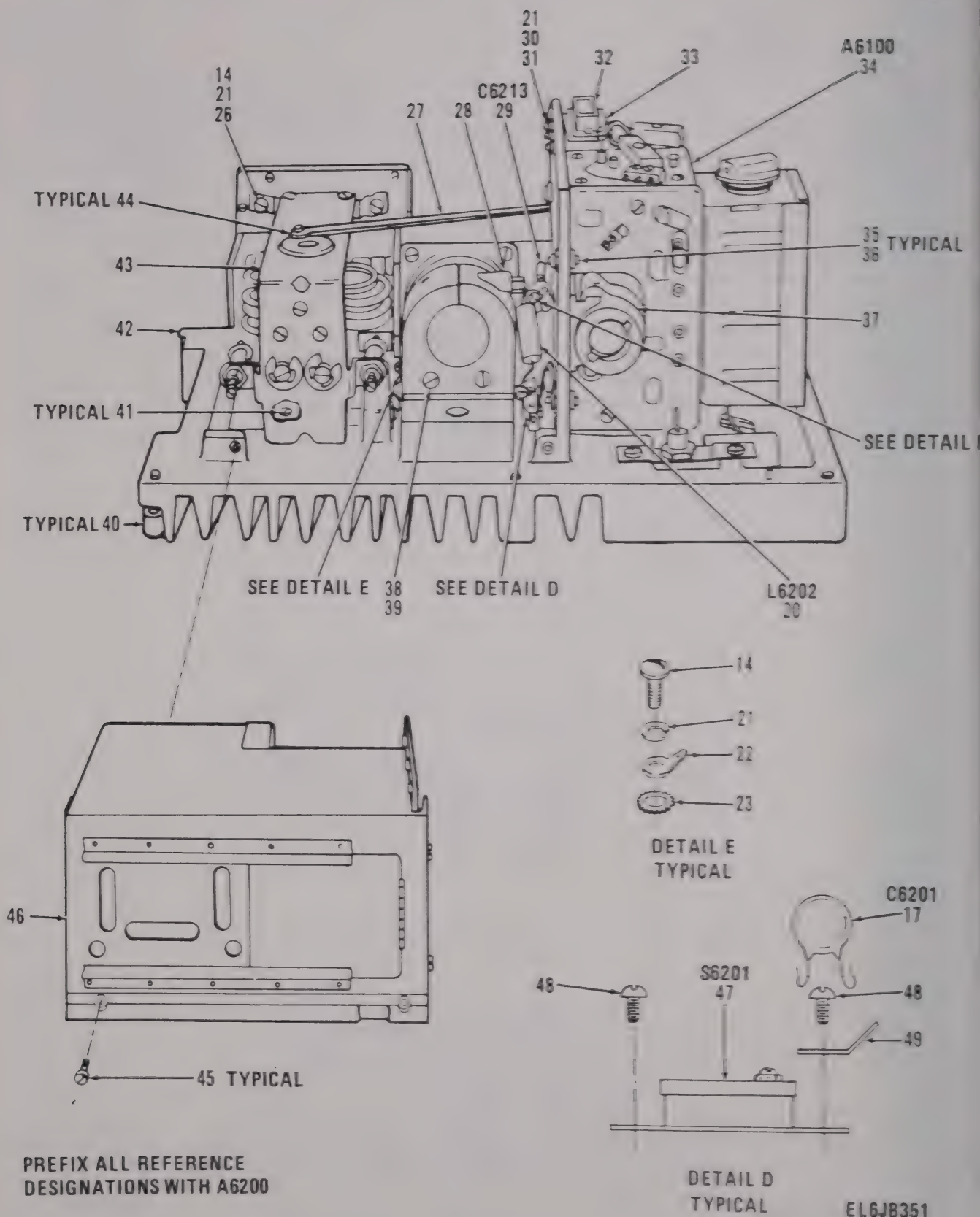
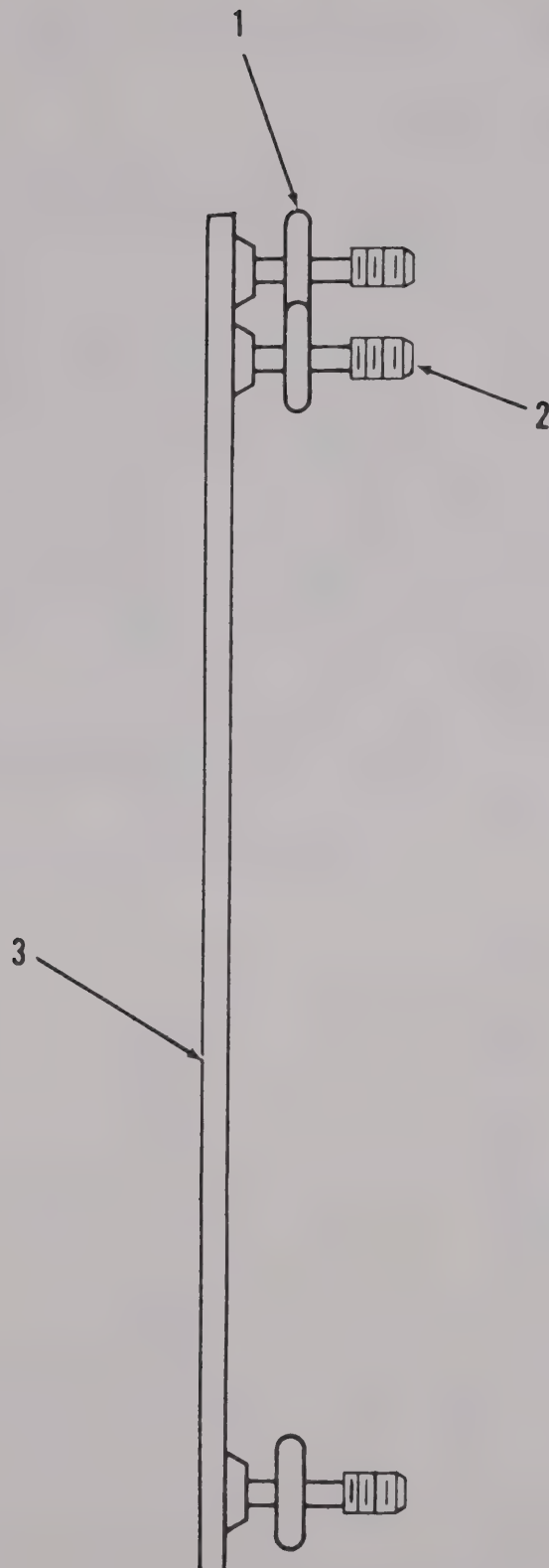


Figure 13. Power Amplifier Assembly.

SECTION II

TM 11-5820-401-20P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)
(a) FIG NO	(b) ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION	QTY REQD UNIT
13	43	PADDA	5820-00-457-0570	80063	SM-D-413999	GROUP 0108 POWER AMPLIFIER ASSEMBLY TANK CIRCUIT ASSEMB.....	EA 1



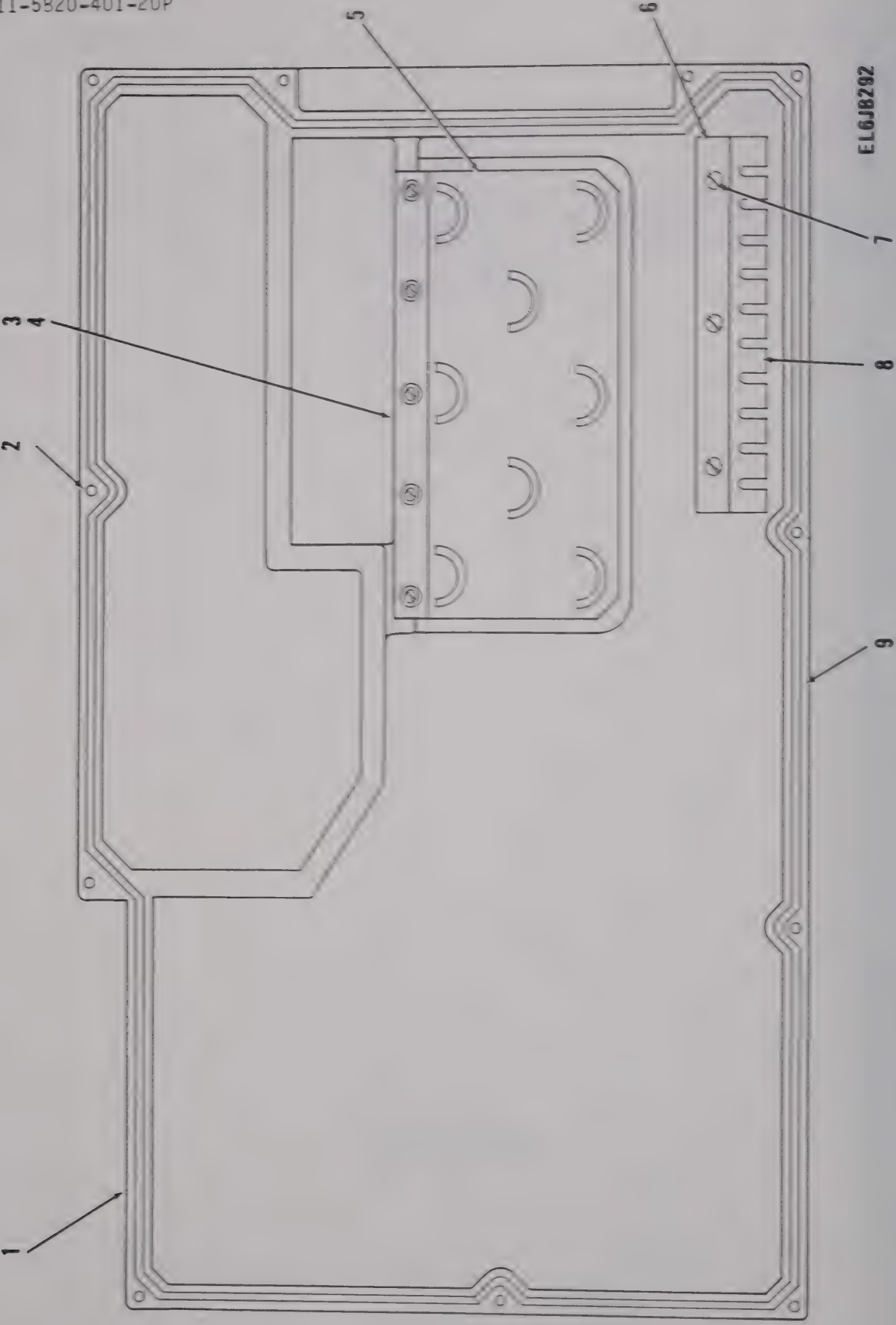
EL6JB291

Figure 14. Cover Assembly, Right Side.

SECTION II

TM 11-5820-401-20P

ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
FIG NO	ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION	QTY INC IN UNIT	
						GROUP 0111 COVER ASSEMBLY, BOTTOM		
14	1	PA0ZZ	5330-00-631-1346	96906	MS28775-005	PACKING, PREFORMED.....	EA	6
14	2	PA0ZZ	5305-00-957-7033	80063	SM-B-414287	SCREW, EXTERNALLY RE.....	EA	6
14	3	PAUZZ	5340-01-136-1819	80063	SM-C-414286	COVER, ACCESS.....	EA	1



EL6JB292

Figure 15. Cover Assembly, Bottom.

SECTION II

TM 11-5820-401-20P

(1) ILLUSTRATION		(2) SWR CODE	(3) NATIONAL STOCK NUMBER	(4) PSCN	(5) PART NUMBER	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
15	1	XAOHH		80063	SM-D-414294	GROUP 0112 COVER ASSEMBLY, BOTTOM COVER ASSEMBLY.....	EA	1
15	2	PAOZZ	5305-00-234-6199	80063	SM-B-413532-1	SCREW, EXTERNALLY RE MAKE FROM LP57W82S MFR CODE 90066.....	EA	11
15	7	PAOZZ	5305-00-984-4983	96906	MS35206-226	SCREW, MACHINE.....	EA	3
15	8	PAOZZ	5999-00-229-6602	80063	SM-C-414291	CLIP, ELECTRICAL.....	EA	1

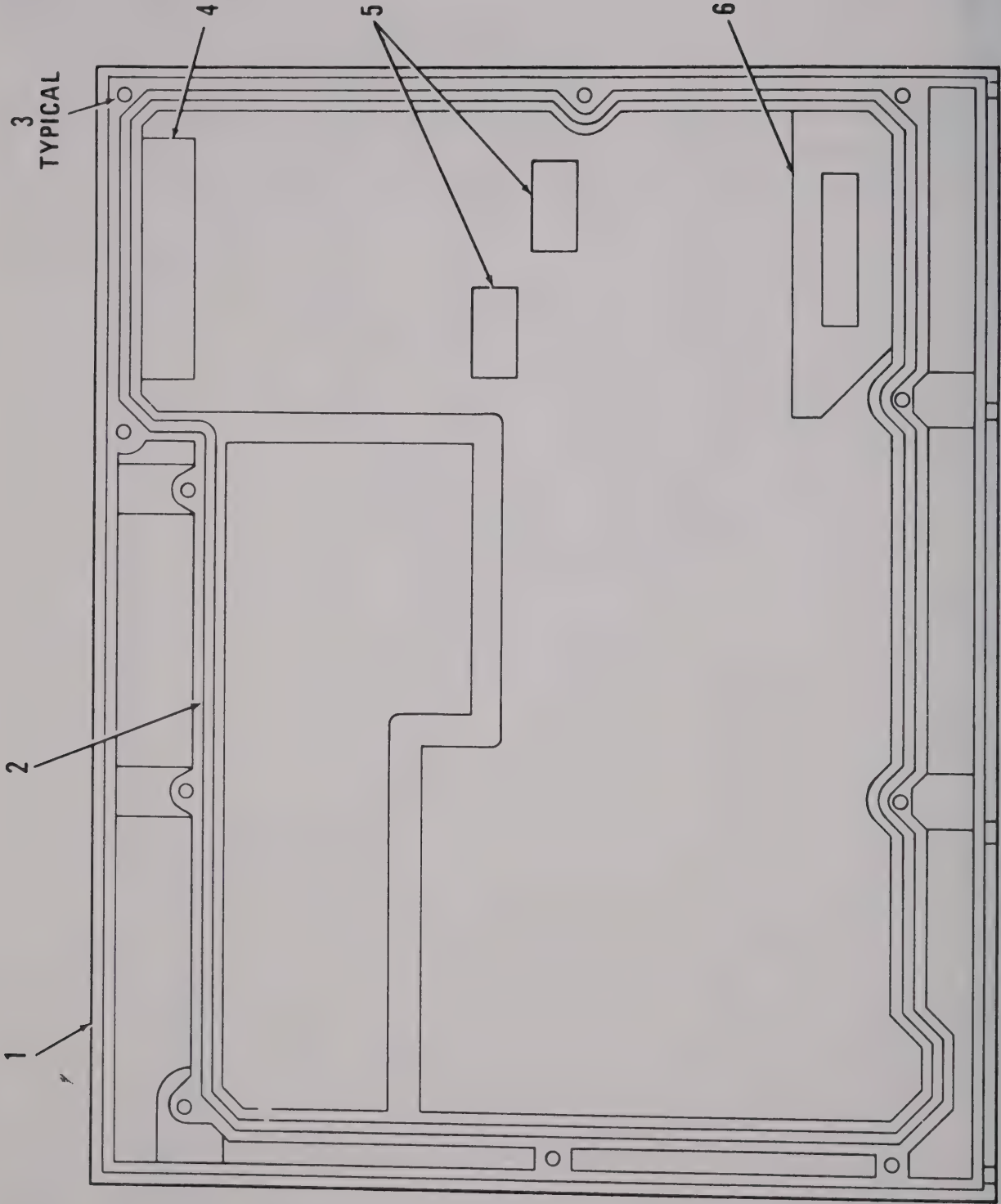
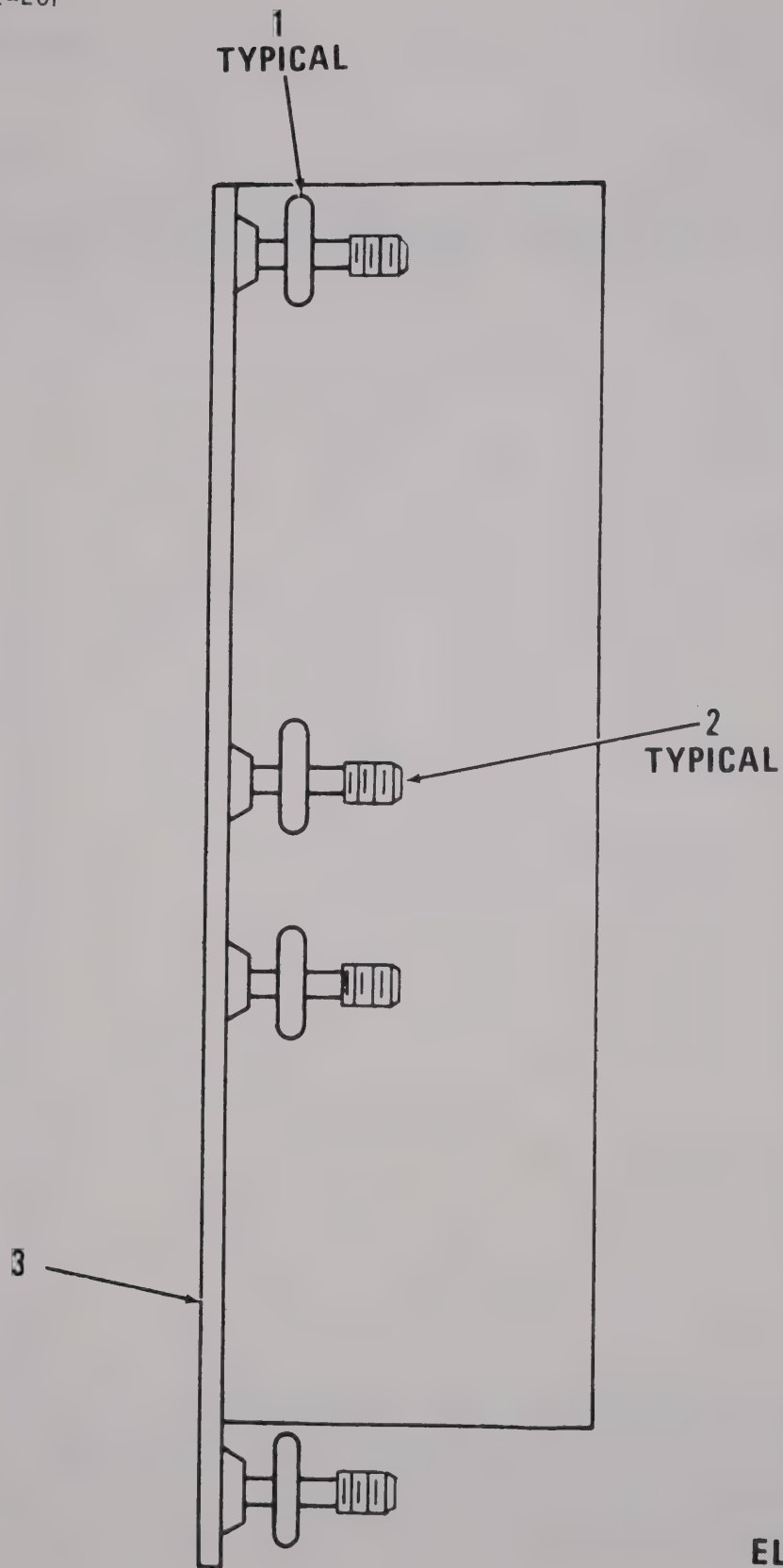


Figure 16. Cover Assembly, Top.

SECTION II

TM 11-5820-401-20P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO	(b) ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION USABLE ON CODE	UOM	QTY INC IN UNIT
						GROUP 0113 COVER ASSEMBLY, TOP		
16	1	XADZZ		80063	SM-D-414299	COVER.....	EA	1
16	3	PAUZZ	5305-00-234-6199	80063	SM-B-413532-1	SCREW, EXTERNALLY RE MAKE FROM LP57W02S MFR CODE 90066.....	EA	11



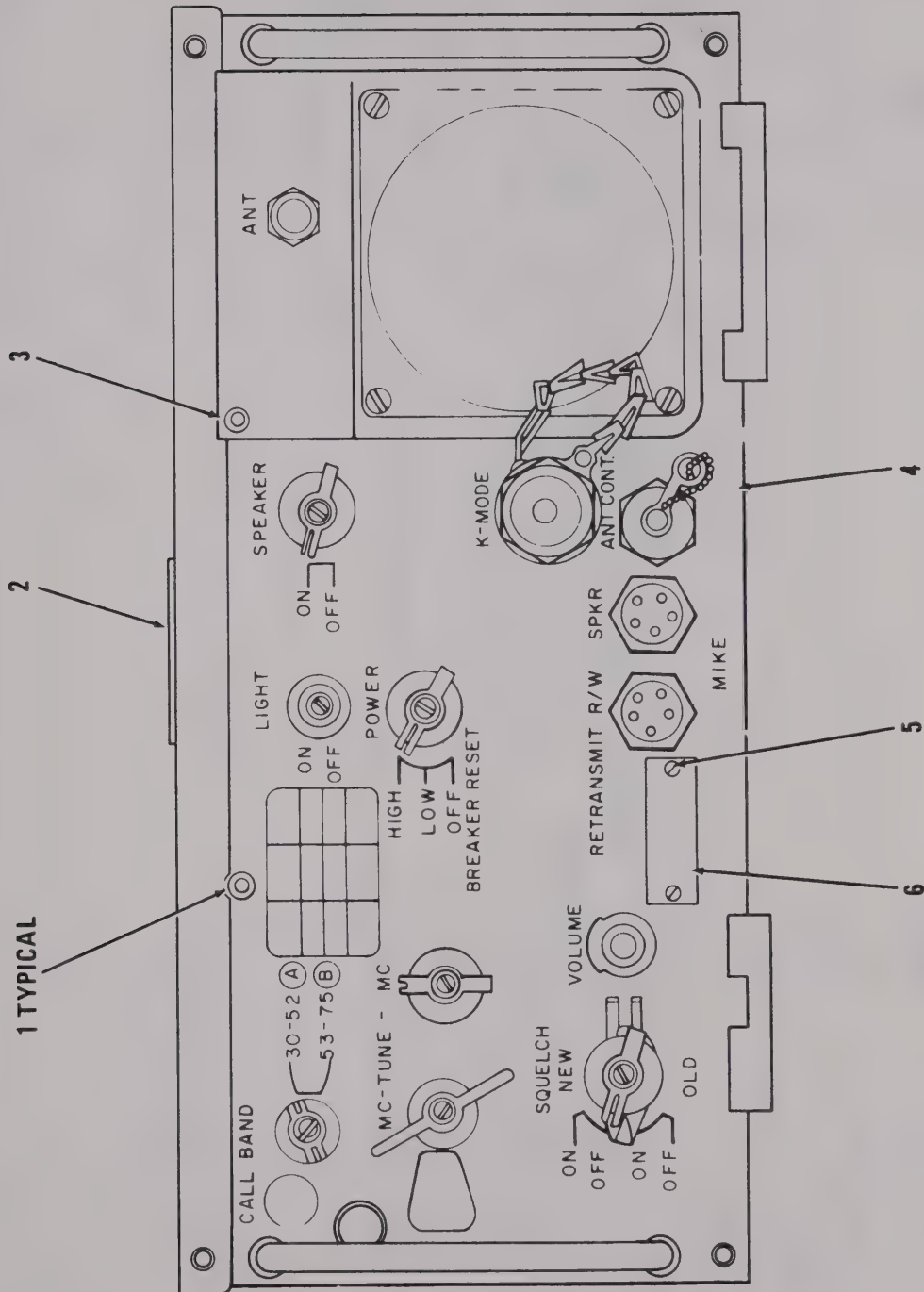
EL6JB301

Figure 17. Cover Assembly, Heat Exchanger.

SECTION II

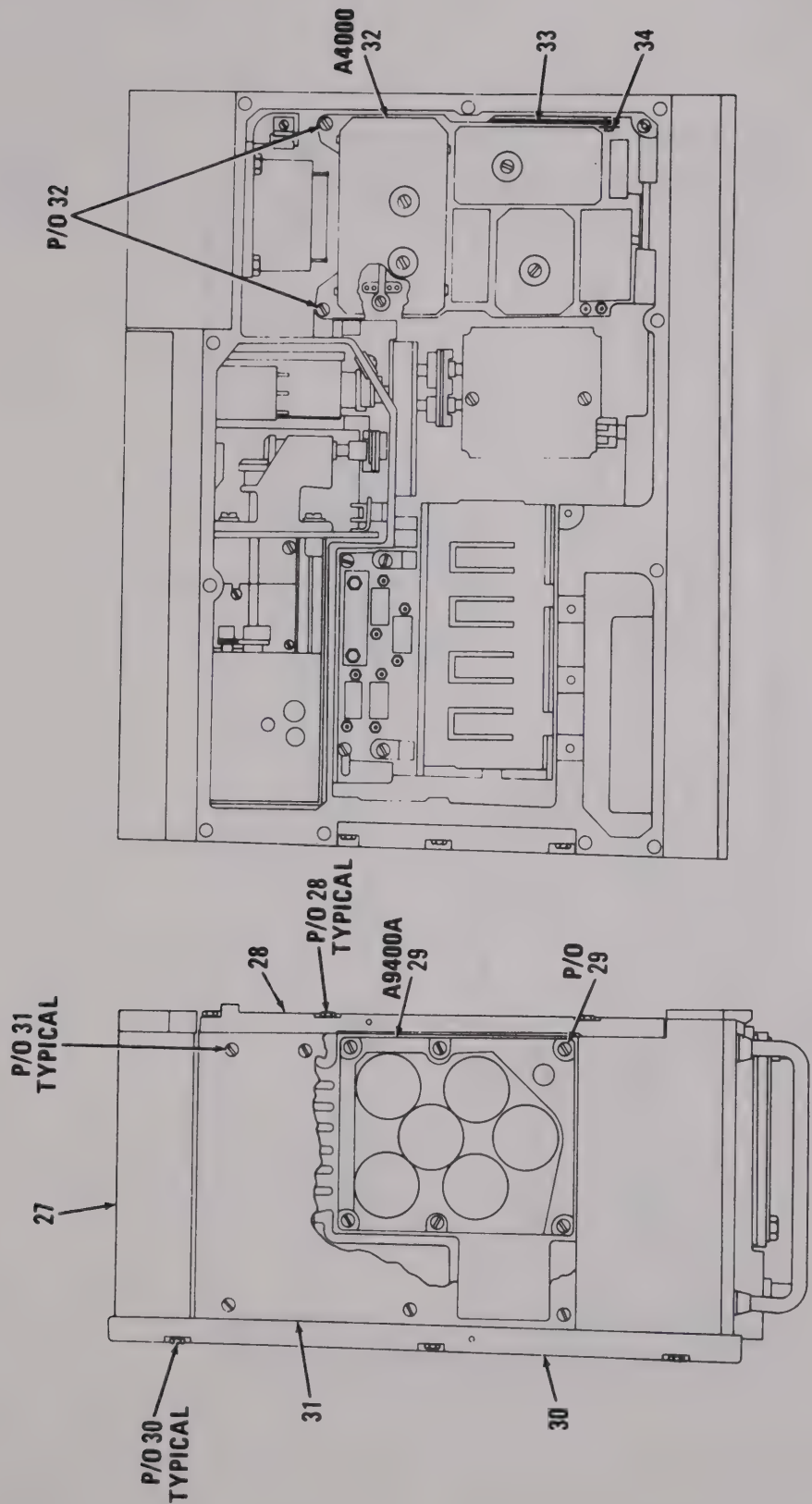
TM 11-5820-401-20P

(1) ILLUSTRATION		(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) FSCM	(5) PART NUMBER		
						GROUP 0114 COVER ASSEMBLY, HEAT EXCHANGER	
17	1 PAQZZ	5330-00-631-1346	96906	MS28775-005	PACKING, PREFORMED.....	EA	8
17	2 PAUZZ	5305-00-957-7033	80063	SM-B-414287	SCREW, EXTERNALLY RE.....	EA	8
17	3 PAQZZ	5340-01-136-1820	80063	SM-D-414363	COVER, ACCESS.....	EA	1



EL60M001

Figure 18. Receiver-Transmitter, Radio RT-524/VRC and RT-524A/VRC (Sheet 1 of 2).



EL60M313

Figure 18. Receiver-Transmitter, Radio RT-524/VRC and RT-524A/VRC (Sheet 2 of 2).

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SECTION 11							
(1) FIG NO	(2) ITEM NO	(3) SMR CODE	(4) NATIONAL STOCK NUMBER	(5) FSCM	(6) PART NUMBER	(7) DESCRIPTION	(8) USABLE ON CODE
						GROUP 02 RECEIVER-TRANSMITTER, RADIO RT-524/VRC AND RT-524A/VRC	
10	2	PA0ZZ	7690-01-125-1398	80063	SM-C-921086	LABEL.....	EA 1
18	28	XBOFF		80063	SM-D-318065	COVER ASSY.....	EA 1
10	30	PAOFF	5820-00-884-2466	80063	SM-D-414297	COVER, ASSEMBLY.....	EA 1
10	31	AO0ZZ		80063	SM-L-414284	COVER ASSY.....	EA 1

EL60M203

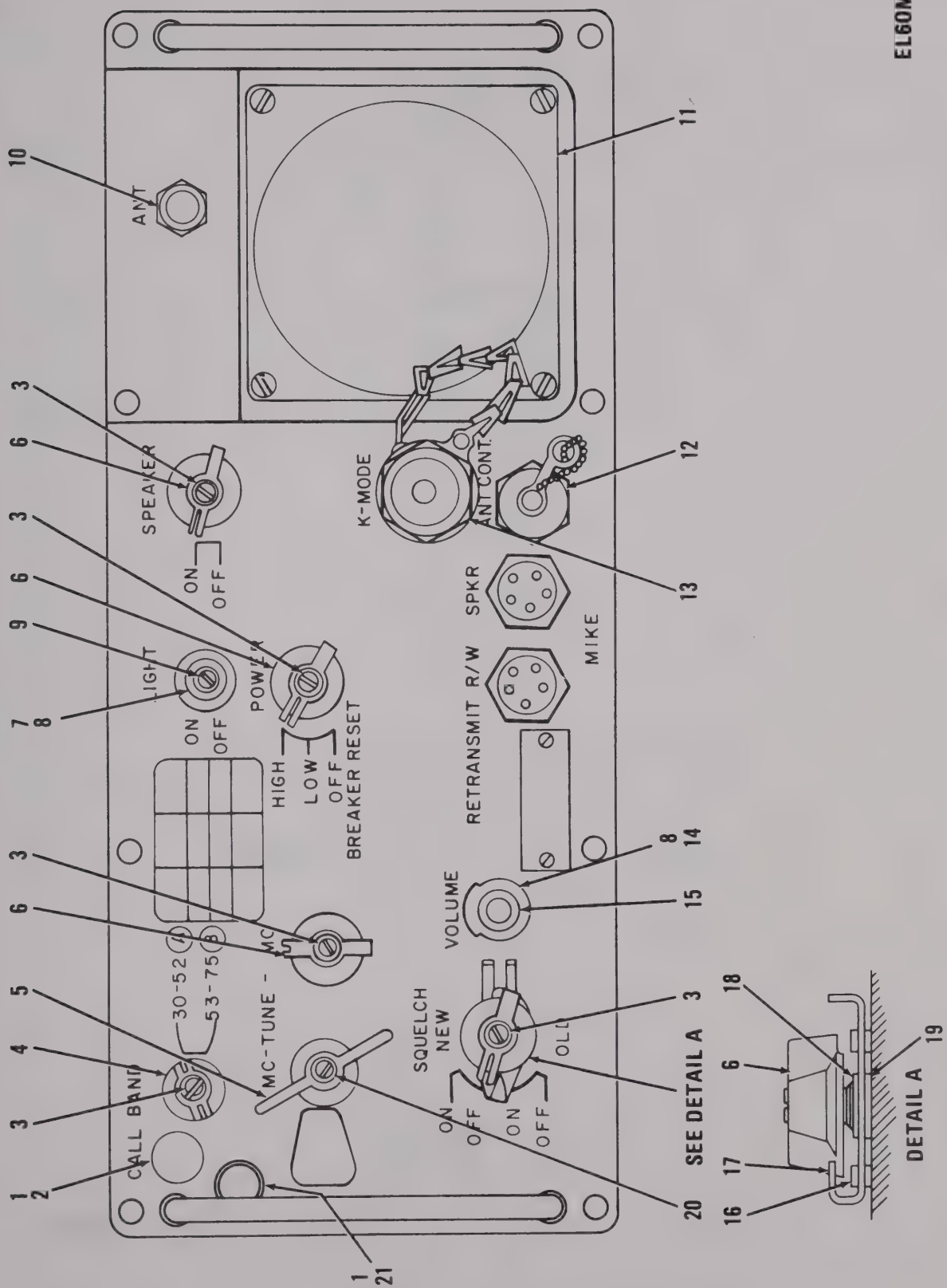
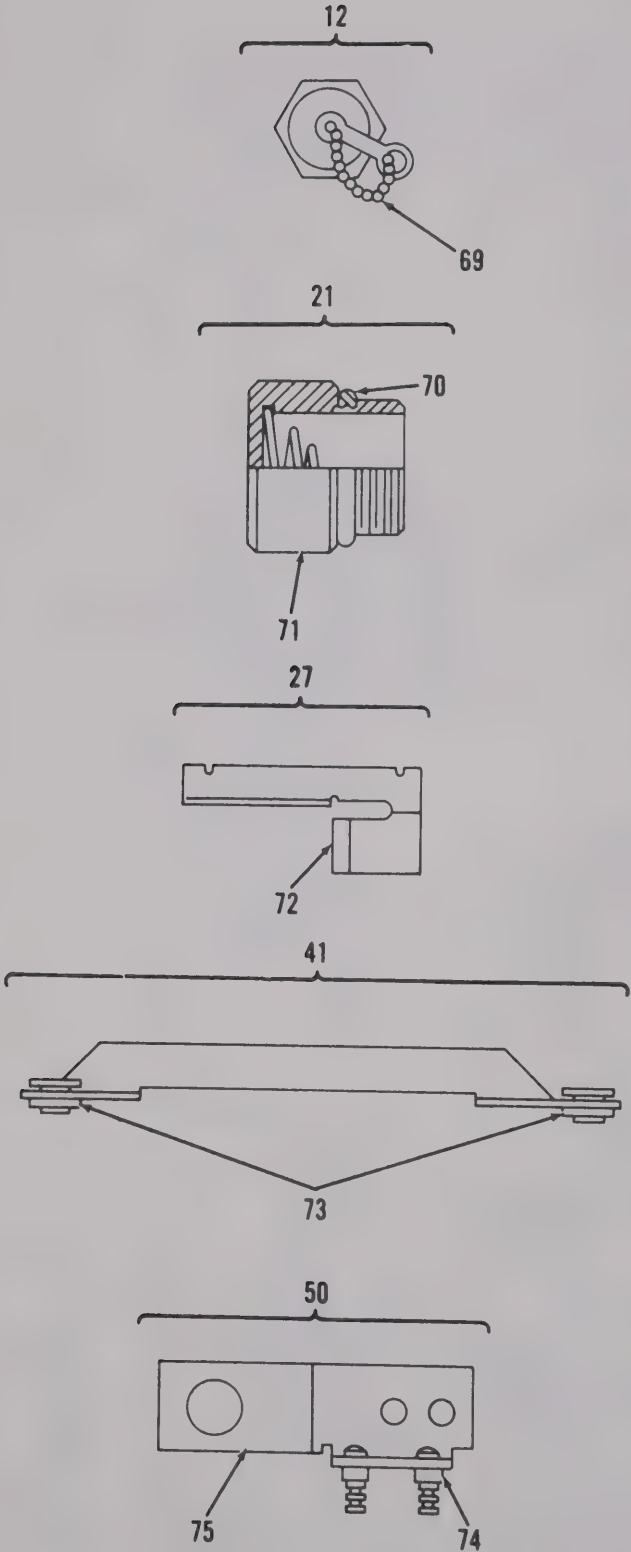


Figure 19. Control Assembly, Front Panel (Sheet 1 of 2).



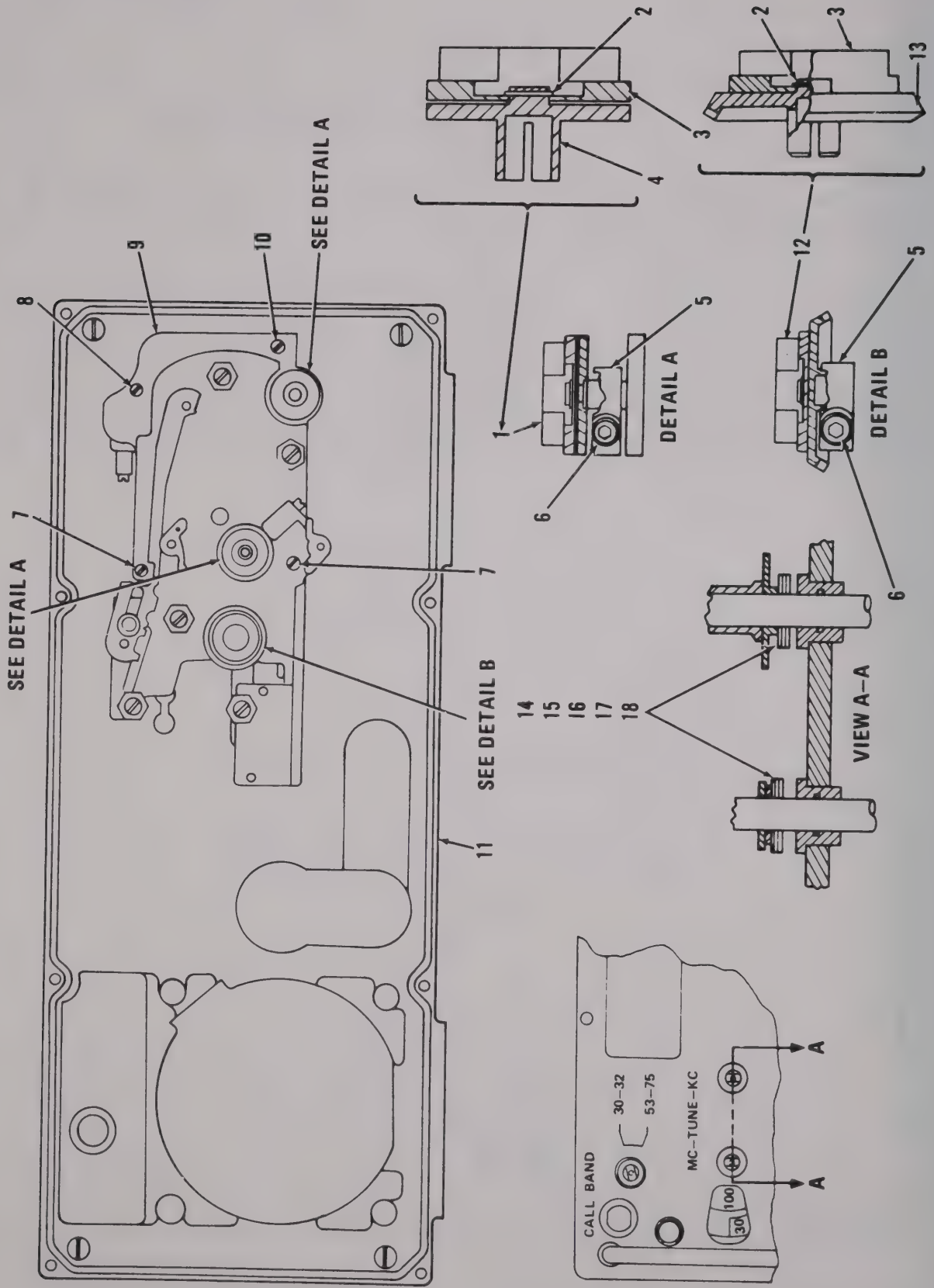
EL60M315

Figure 19. Control Assembly, Front Panel (Sheet 2 of 2).

SECTION II

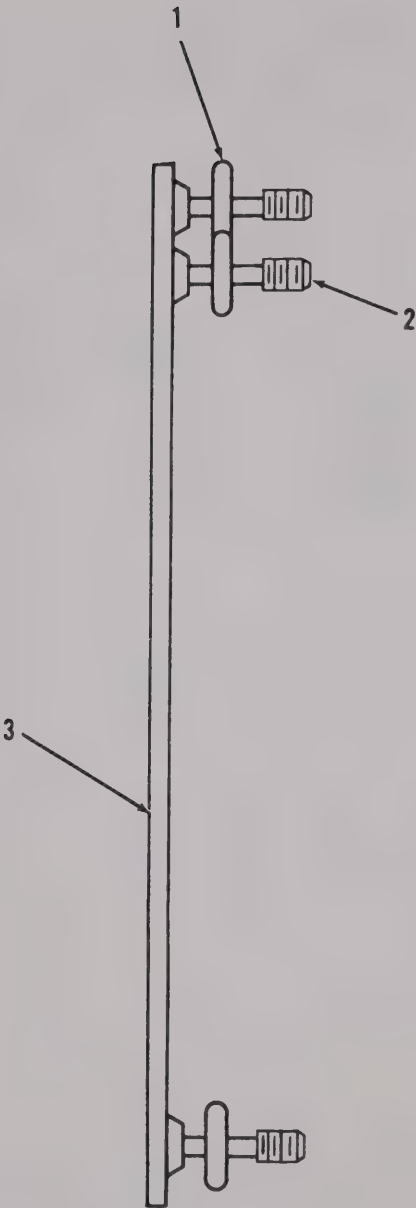
TM 11-5820-401-20P

ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(8)
FIG NO	ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION	QTY INC IN UNIT
						GROUP 0201 CONTROL ASSEMBLY FRONT PANEL	
19	1	PA0ZZ	6240-00-155-7836	96906	MS25237-327	LAMP, INCANDESCENT	EA 2
19	3	PA0ZZ	5305-01-133-0155	03038	LP35223-27	SCREW, SELF-LOCKING	EA 1
19	4	PA0ZZ	5355-00-889-3424	80063	SM-C-447052	KNOB	EA 1
19	5	PA0ZZ	5355-00-059-9188	80063	SM-C-414401	KNOB	EA 1
19	6	PA0ZZ	5355-00-616-9659	96906	MS91525-1	KNOB	EA 4
19	8	PA0ZZ	5310-00-853-9676	83512	S7892	NUT, SLEEVE	EA 1
19	9	PA0ZZ	5355-00-853-6353	80063	SM-C-414393	KNOB	EA 1
19	15	PA0ZZ	5355-00-853-6384	80063	SM-C-414399	KNOB	EA 1
19	20	PA0ZZ	5305-01-126-7312	80063	SM-B-2836F1-2	SCREW, SELF-LOCKING	EA 1
19	21	PA0ZZ	5820-00-859-2585	80063	SM-B-414407	CAP	EA 1
19	70	PA0ZZ	5330-00-584-0265	96906	MS28775-012	PACKING, PREFORMED	EA 1
19	71	PA0ZZ	5975-00-241-5146	80063	SM-C-414409	CAP, END SEAL, ELECTR	EA 1



EL60M238

Figure 20. Panel and Housing Assembly.

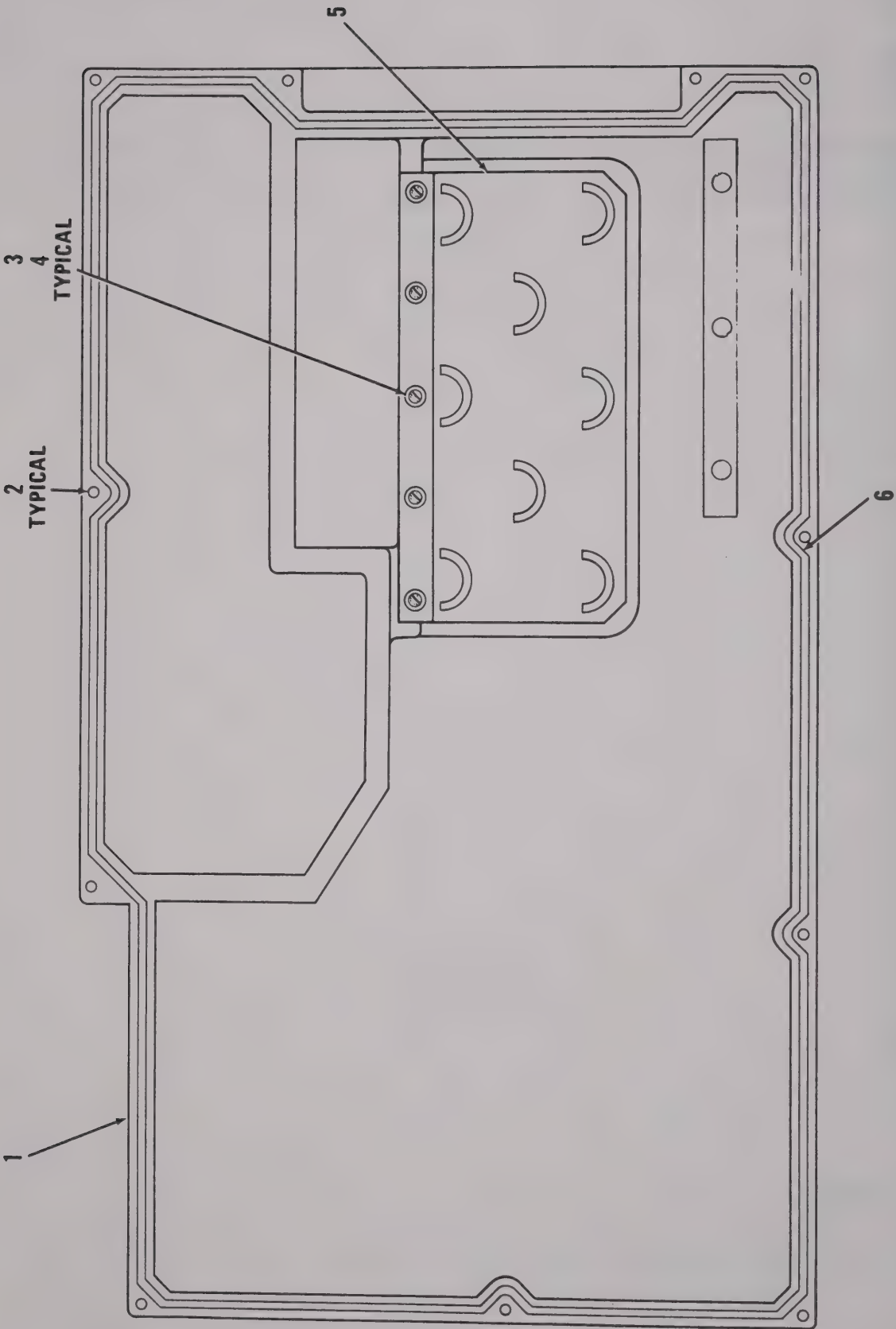


EL60M310

Figure 21. Cover Assembly, Right Side.

TM 11-5820-401-20P

51



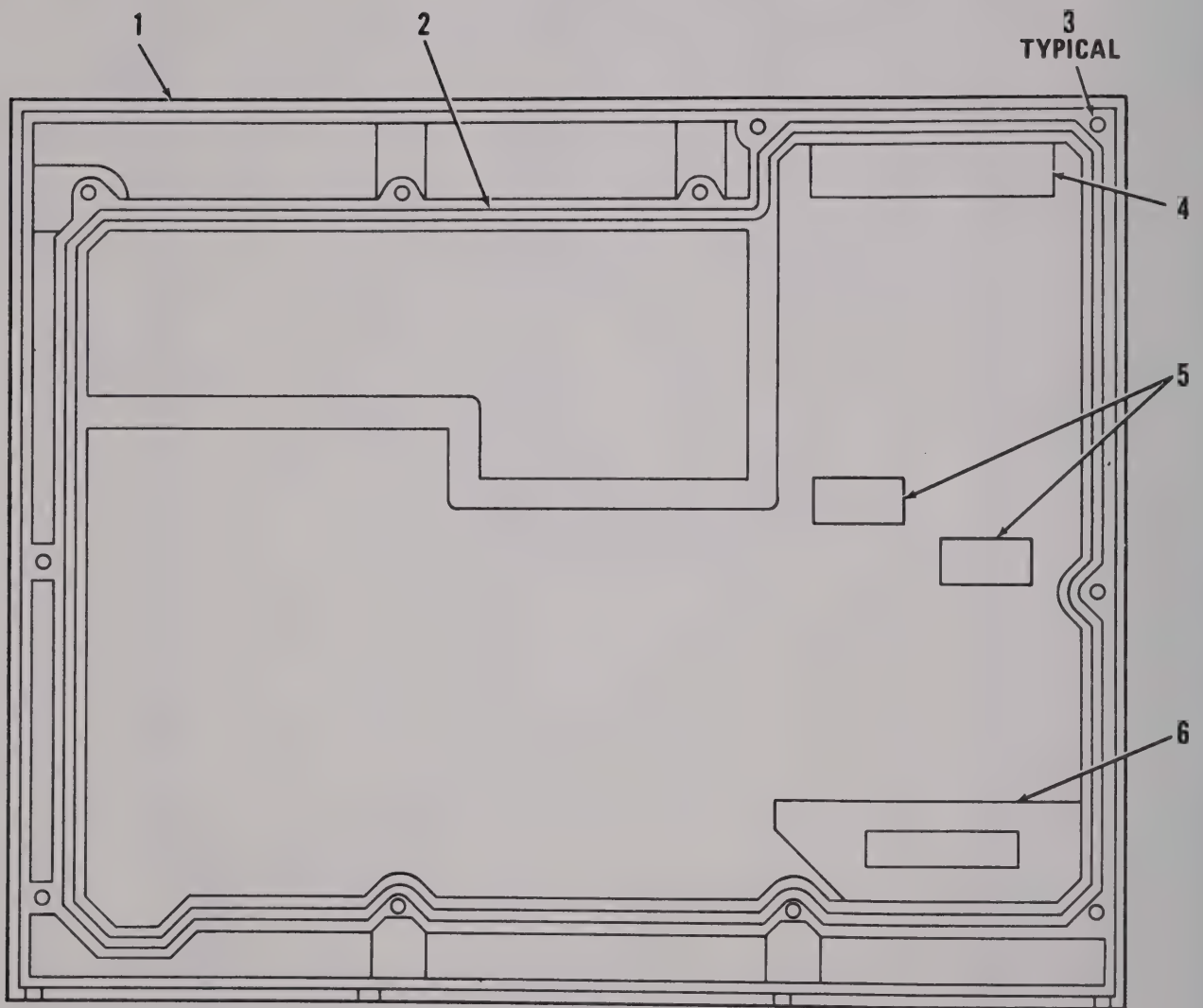
EL60M078

Figure 22. Cover Assembly, Bottom.

SECTION II

TM 11-5820-401-20P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO	(b) ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION USABLE ON CODE	U/M	QTY INC IN UNIT
22	2	PA0ZZ	5305-00-234-6199	80063	SM-B-413532-1	GROUP 0212 COVER ASSEMBLY, BOTTOM SCREW, EXTERNALLY RE.....	EA	11



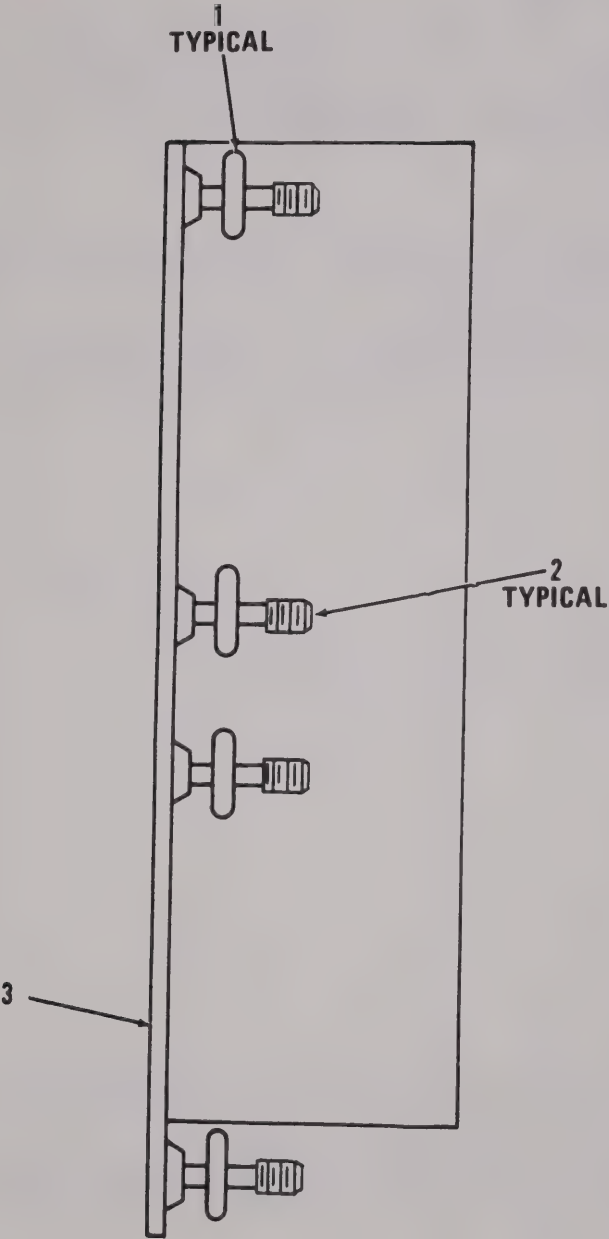
EL60M080

Figure 23. Cover Assembly, Top.

SECTION II

TM 11-5820-401-20P

(1) ILLUSTRATION		(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) FSCM	(5) PART NUMBER	(6) DESCRIPTION USABLE ON CODE	(7)	(8) QTY INC IN UNIT
(a) FIG NO	(b) ITEM NO							
23	1	XAOZZ		80063	SM-D-414299	GROUP 0213 COVER ASSEMBLY, TOP COVER.....	EA	1
23	3	PAOZZ	5305-00-234-6199	80063	SM-B-413532-1	SCREW, EXTERNALLY RE.....	EA	11



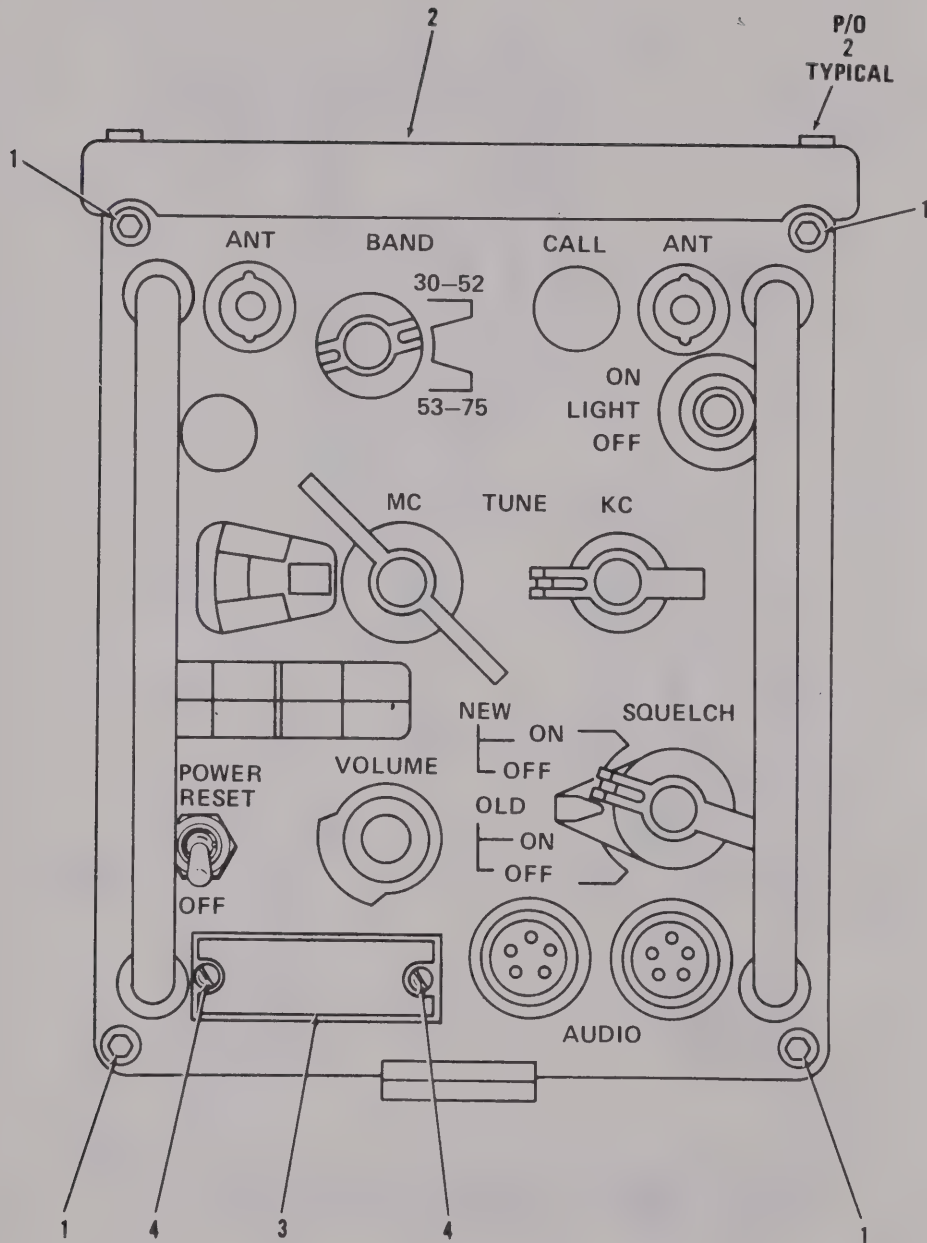
EL60M311

Figure 24. Cover Assembly, Heat Exchanger.

SECTION 11

TN 11-5820-401-20P

QTY	UNIT	NATIONAL STOCK NUMBER	FACILITY	DESCRIPTION	EA	QTY
GROUP 0214 COVER ASSEMBLY, HEAT EXCHANGER						
4	1	PA02Z 5330-00-631-1346	96906 MS28775-005	PACKING, PREFORMED.....	EA	8
4	2	PA02Z 5105-00-957-7033	80063 SM-B-414287	SCREW, EXTERNALLY RE.....	EA	8
4	3	PA02Z 5140-01-136-1820	80063 SM-U-414363	COVER, ACCESS.....	EA	1



EL6GE041

Figure 25. Receiver, Radio R-442/VRC and R-442A/VRC (Sheet 1 of 2).

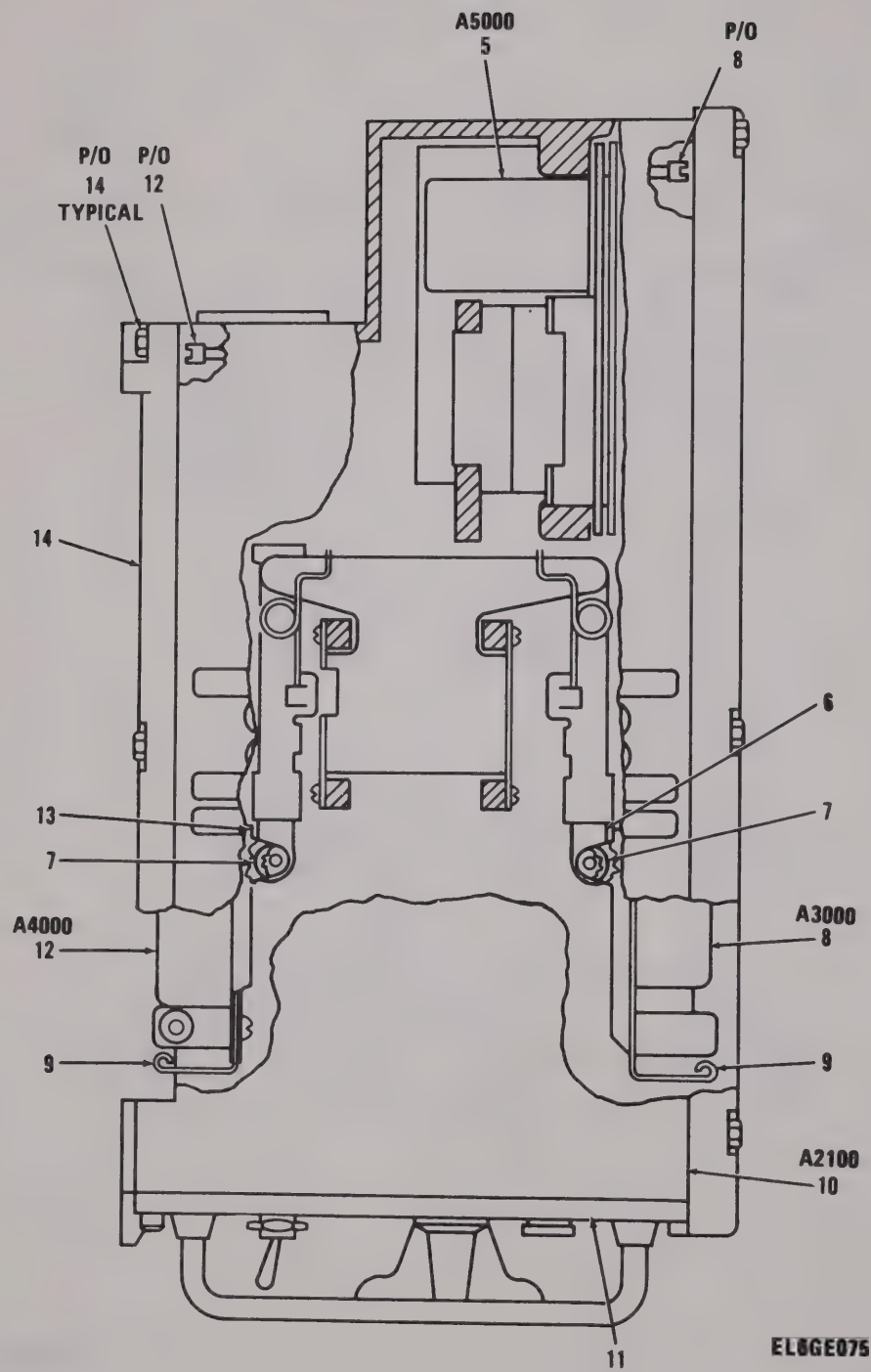
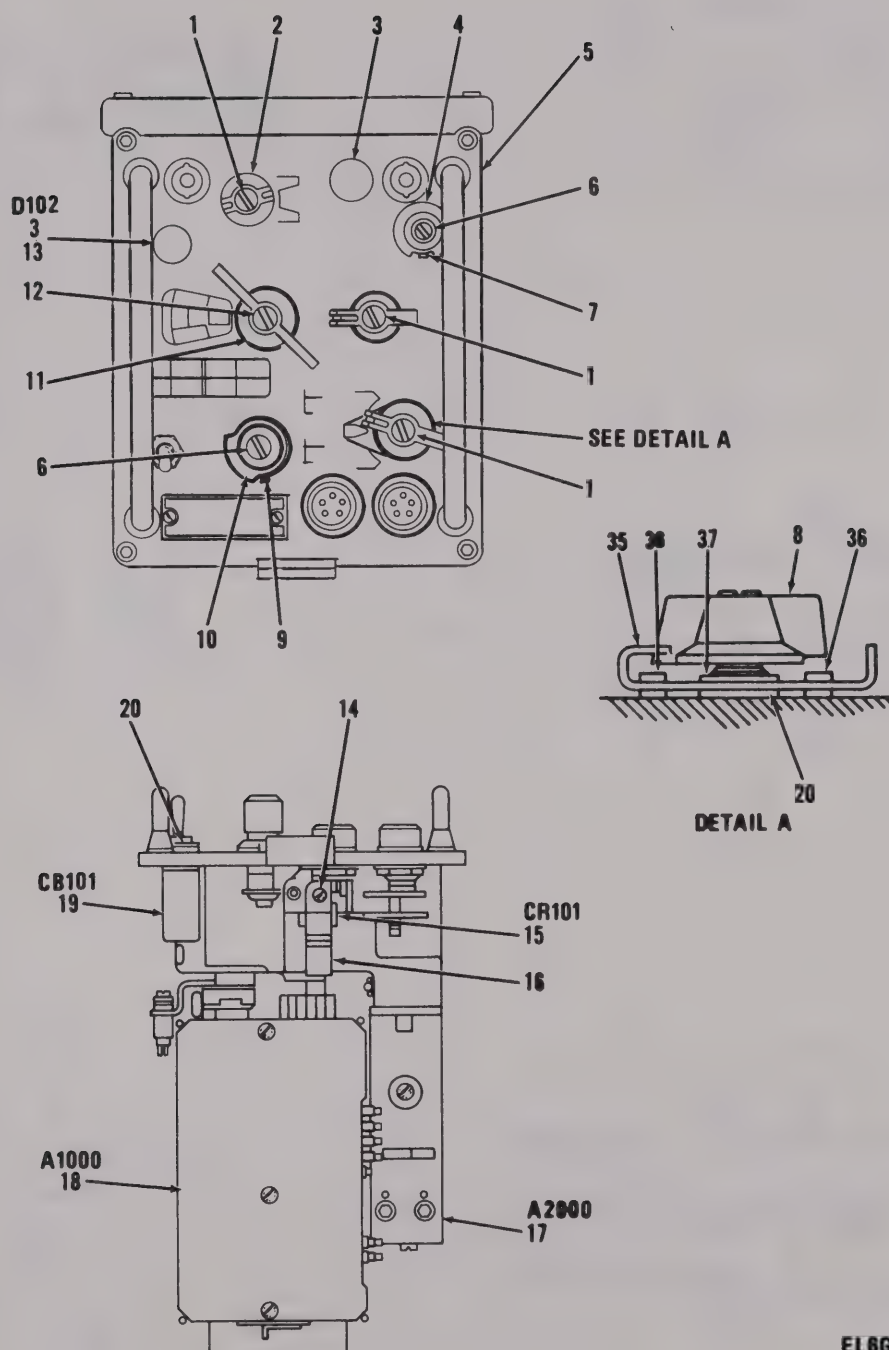
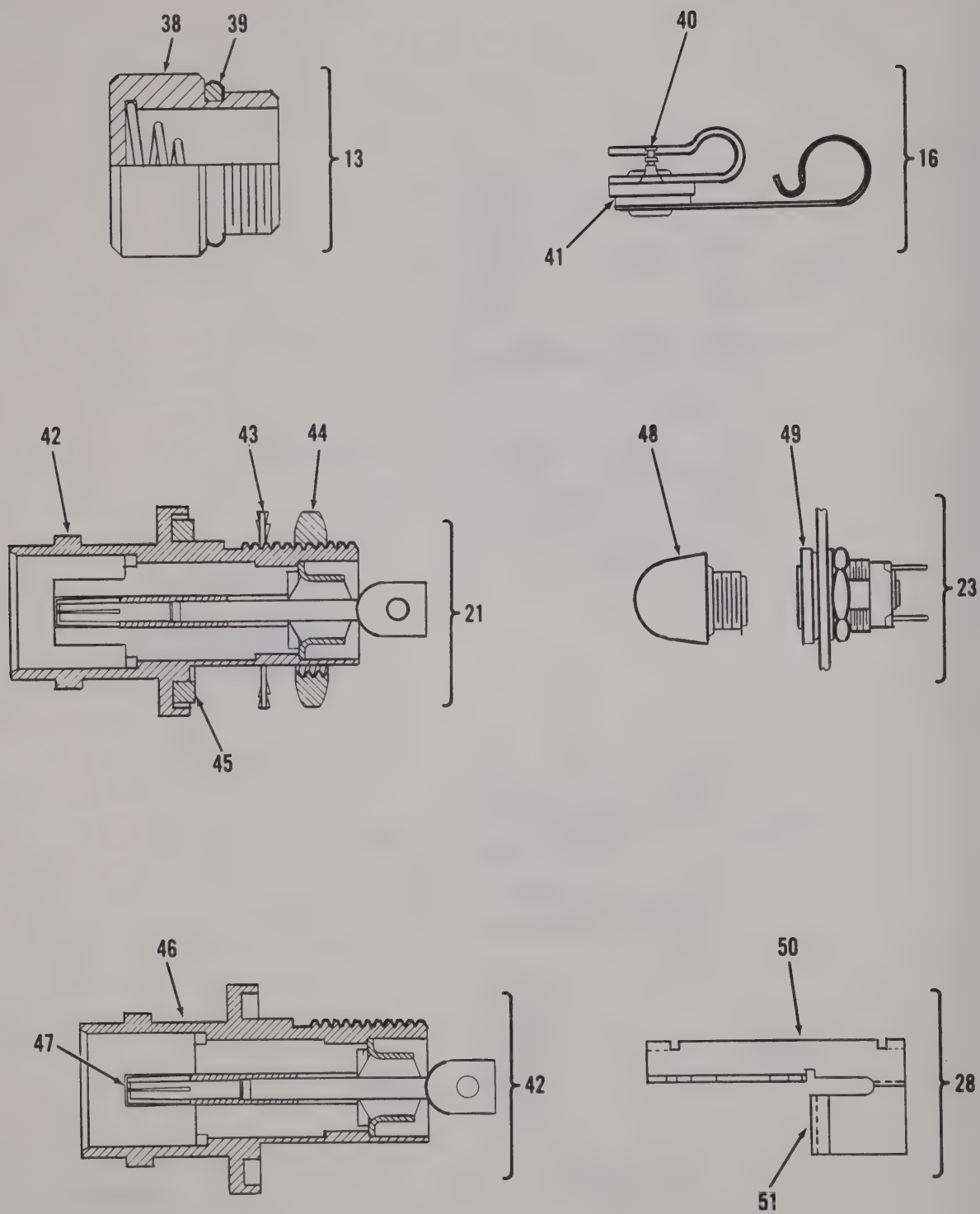


Figure 25. Receiver, Radio R-442/VRC and R-442A/VRC (Sheet 2 of 2).



EL8GE077

Figure 26. Control Assembly, Front Panel (Sheet 1 of 2).



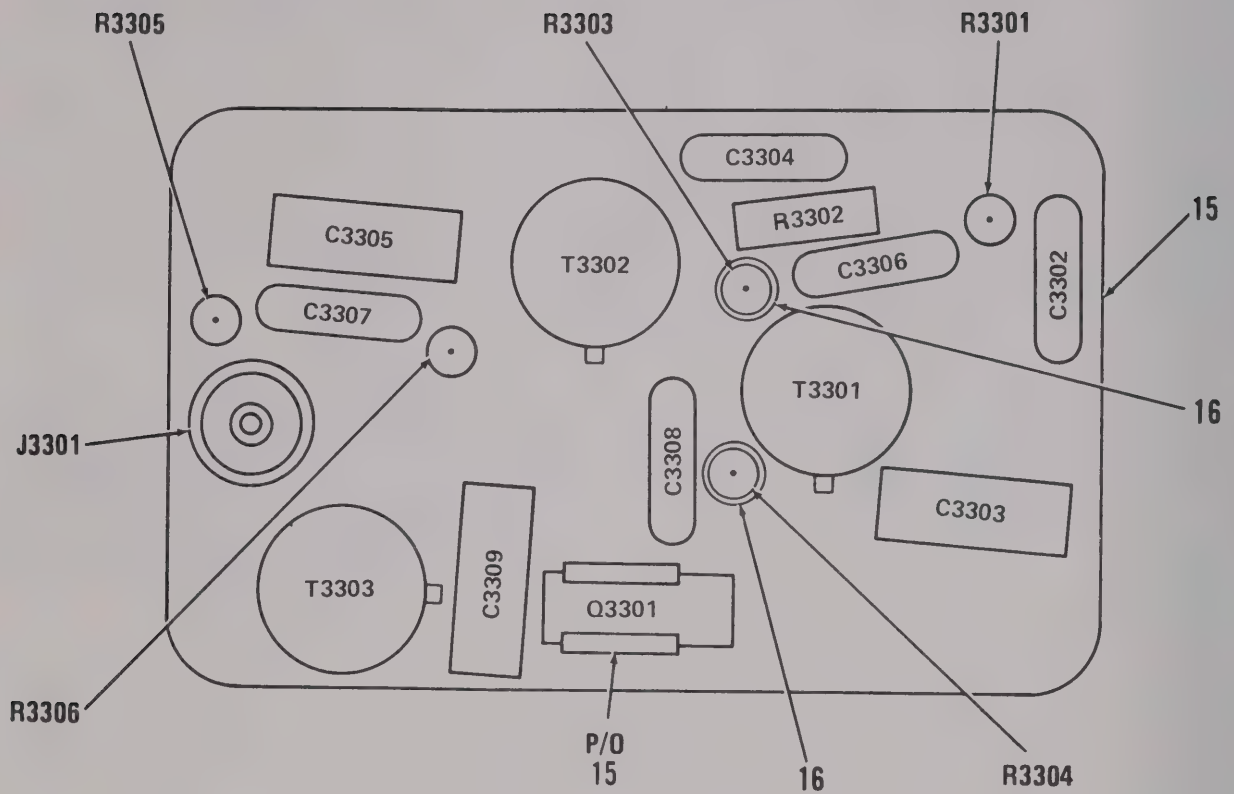
EL6GE079

Figure 26. Control Assembly, Front Panel (Sheet 2 of 2).

SECTION II

TM 11-5820-401-20P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO	(b) ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION	U/M	QTY INC IN UNIT
						USABLE ON CODE		
						GROUP 0301 CONTROL ASSEMBLY, FRONT PANEL		
26	1	PAOZZ	5305-01-133-0155	03038	LP35223-27	SCREW, SELF-LOCKING.....	EA	1
26	2	PAOZZ	5355-00-889-3424	80063	SM-C-447052	KNOB.....	EA	1
26	3	PAOZZ	6240-00-155-7836	96906	MS25237-327	LAMP, INCANDESCENT.....	EA	2
26	4	PAOZZ	5355-00-853-6353	80063	SM-C-414393	KNOB.....	EA	1
26	6	PAOZZ	5310-00-853-9676	80045	813189	NUT, SLEEVE.....	EA	1
26	8	PAOZZ	5355-00-616-9659	96906	MS91525-1	KNOB.....	EA	2
26	10	PAOZZ	5355-00-853-6384	80063	SM-C-414399	KNOB.....	EA	1
26	11	PAOZZ	5355-00-059-9188	80063	SM-C-414401	KNOB.....	EA	1
26	12	PAOZZ	5305-01-126-7312	80063	SM-B-283611-2	SCREW, SELF-LOCKING.....	EA	1
26	13	PAOZZ	5820-00-859-2585	80063	SM-B-414407	CAP.....	EA	1
26	38	PAOZZ	5975-00-241-5146	80063	SM-C-414409	CAP, END SEAL, ELECTR.....	EA	1
26	39	PAOZZ	5330-00-584-0265	96906	MS28775-012	PALMING, PREFORMED.....	EA	1
26	48	PAOZZ	6210-00-183-0513	81349	LC35YT2	LENS, LIGHT.....	EA	1



PREFIX ALL REFERENCE DESIGNATIONS WITH A3000A3300

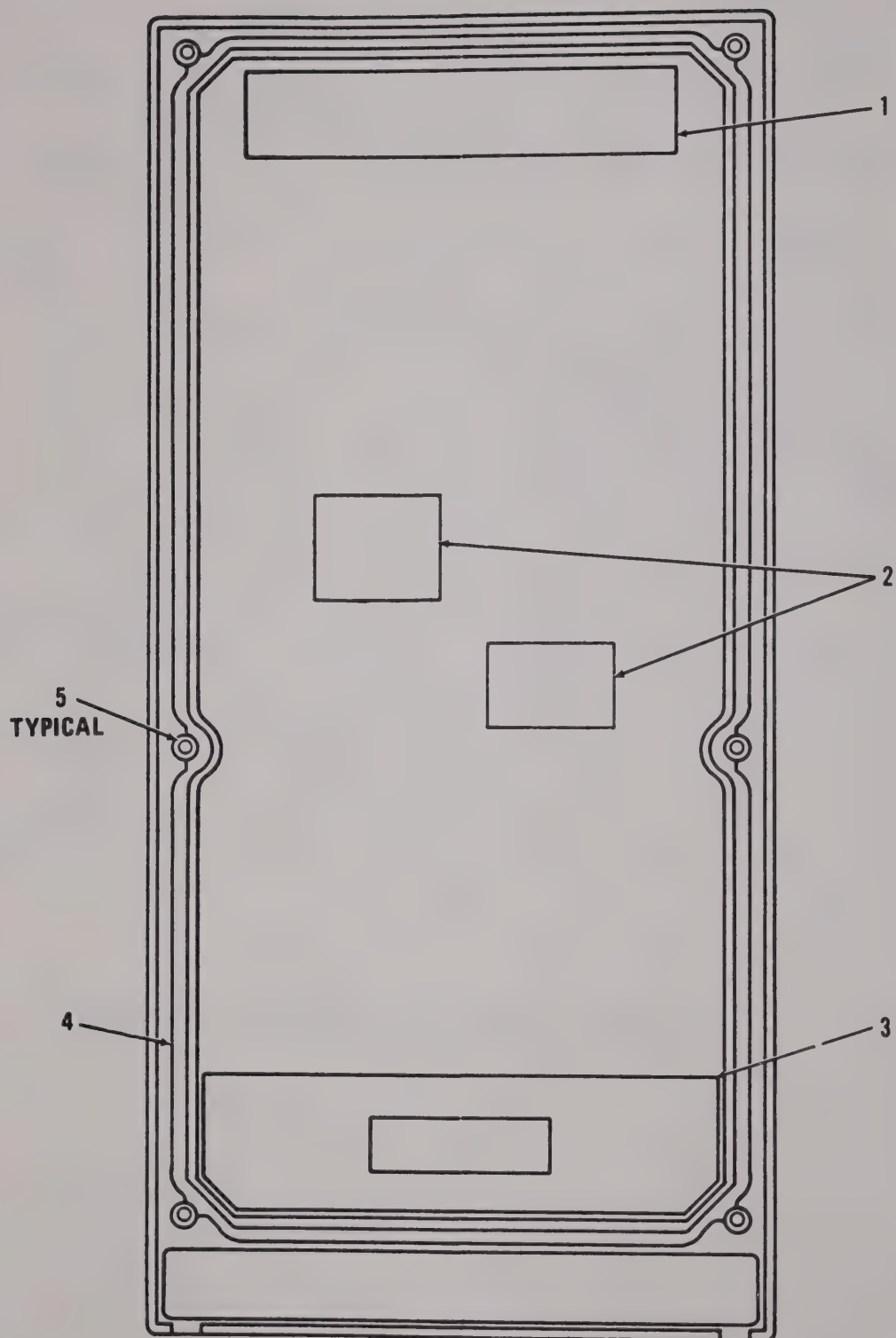
EL6GE139

Figure 27. Mixer Stage Assembly.

SECTION II

TM 11-5820-401-20P

(1) ILLUSTRATION		(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) FSCM	(5) PART NUMBER	(6) DESCRIPTION USABLE ON CODE	(7) J M	(8) QTY INC IN UNIT
(a) FIG NO	(b) ITEM NO							
27	16	PA0ZZ	5340-01-104-7017	80063	SM-B-447252	GROUP 03020301 MIXER STAGE ASSEMBLY SPACER,SPECIAL.....	EA	3



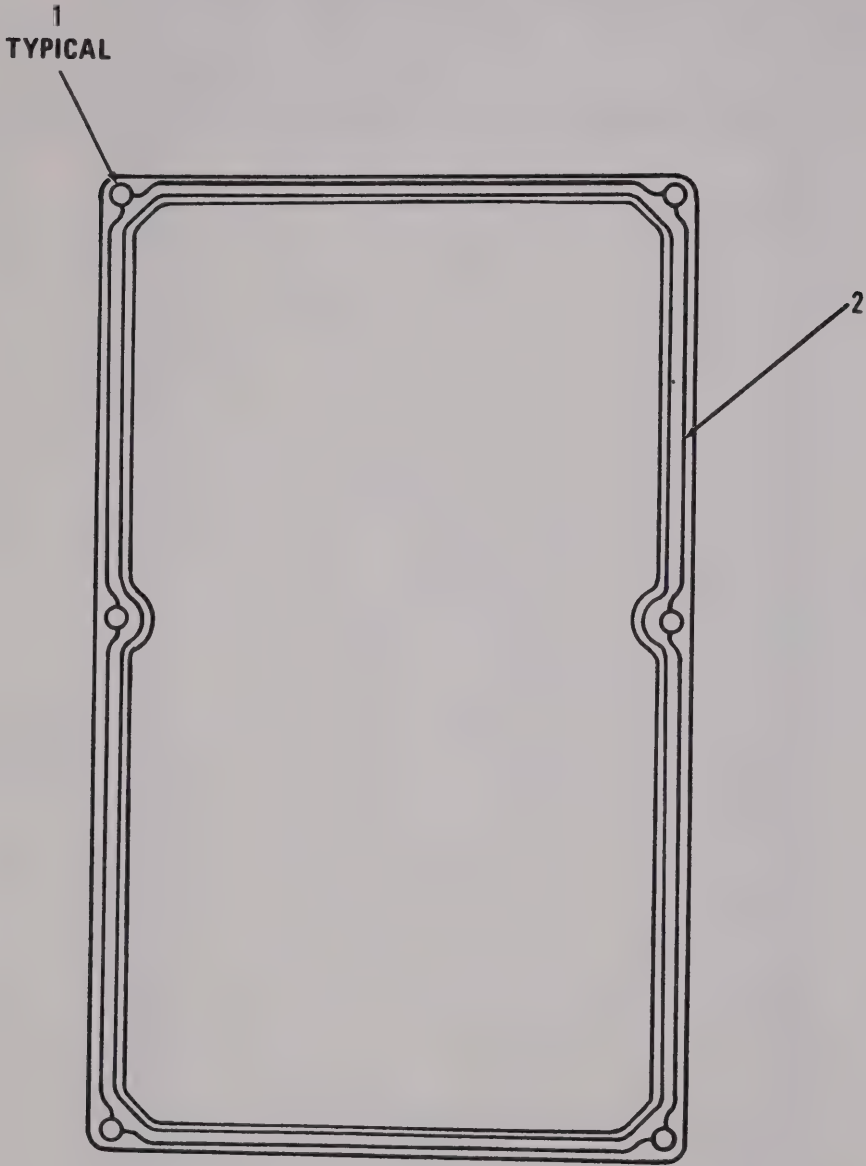
EL6GE189

Figure 28. Cover Assembly, Top.

SECTION II

TM 11-5820-401-20P

1. QUANTITY 2. ITEM 3. NC	(2) SMP CODE	(3) NATIONAL STOCK NUMBER	(4) FSCN	(5) PART NUMBER			
28	5 PA0ZZ	5305-00-234-6199	80063	SM-B-413532-1	GROUP 0306 COVER ASSEMBLY, TOP SCREW, EXTERNALLY RE MAKE FROM LP57W82S MFR CODE 90066....	EA	6



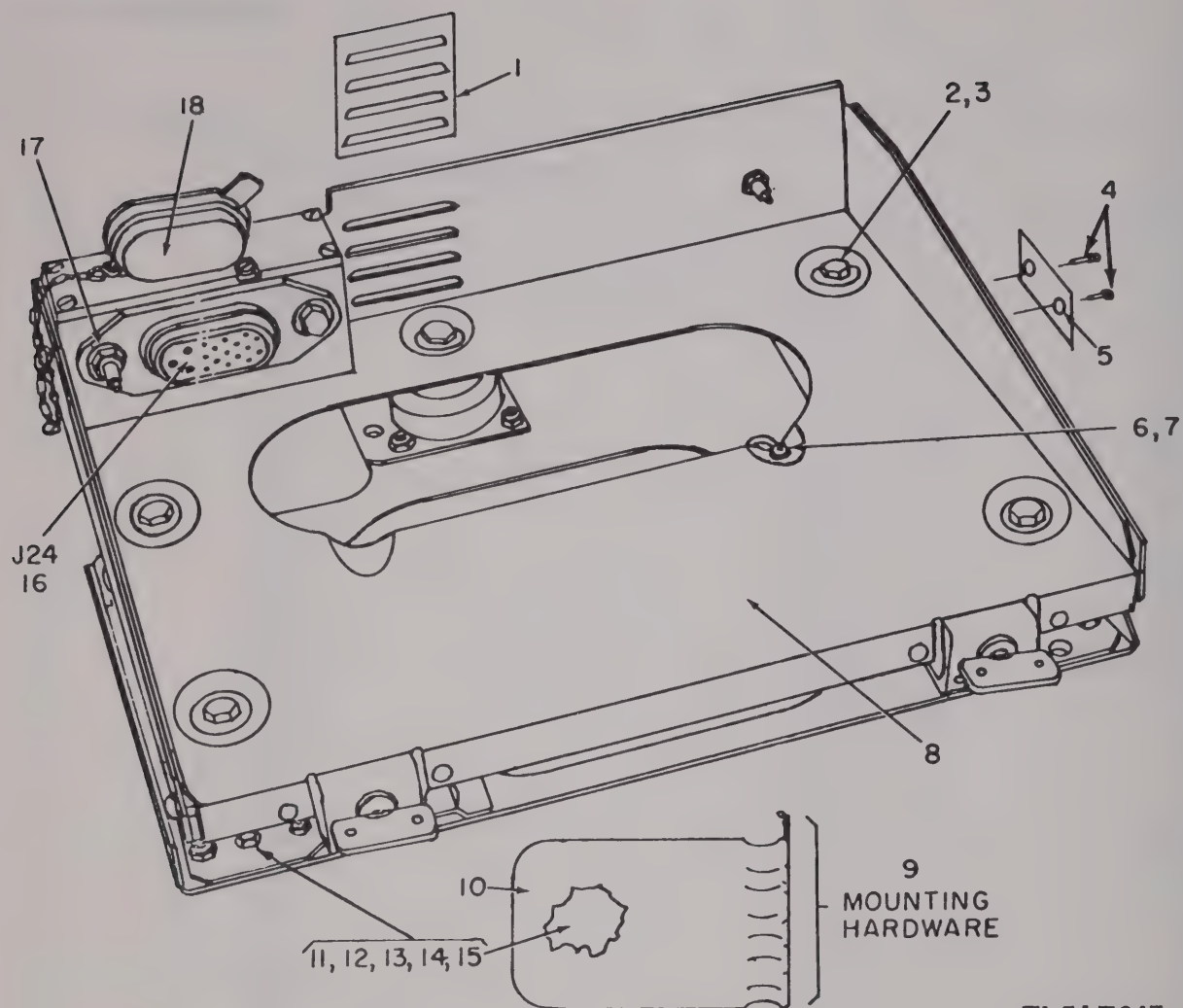
EL8GE190

Figure 29. Cover Assembly, Bottom.

SECTION II

TM 11-5820-401-20P

1. ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
11-15 NO	15 ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION	QTY IN UNIT	
29	1	PAUZZ	5305-00-234-6199	80063	SM-B-413532-1	GROUP 0307 COVER ASSEMBLY, BOTTOM SCREW, EXTERNALLY RE MAKE FROM LP57W825 MFR CODE 90066.....	EA	6



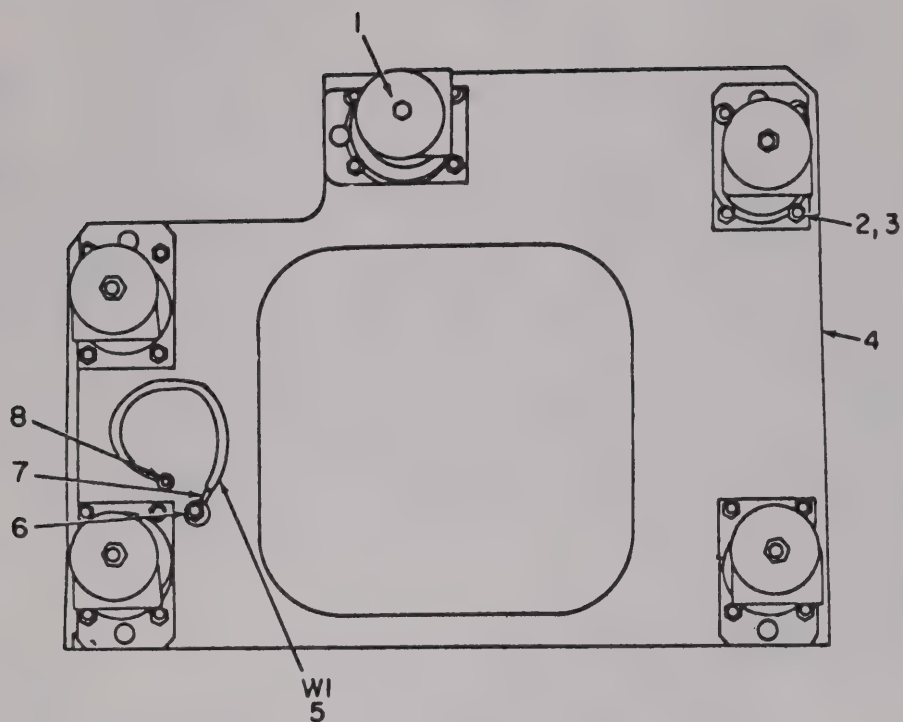
EL5AZ047

Figure 30. Mounting MT-1029/VRC.

SECTION II

TM 11-5820-401-20P

(1) ILLUSTRATION		(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) FSCM	(5) PART NUMBER	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
						GROUP 00 MOUNTING MR-1029/VRC		
30	1	PADZZ	5820-00-918-7793	80063	SC-C-49717	COVER, BLOWER.....	EA	1
30	2	PADZZ	5306-00-495-0773	80063	SM-B-415042	BOLT, MACHINE.....	EA	5
30	3	PADZZ		80063	SM-C-415021	WASHER, FLAT.....	EA	5
30	4	PADZZ	5305-00-840-5938	96906	MS21318-19	SCREW, DRIVE.....	EA	2
30	6	PADZZ	5310-00-209-0788	96906	MS35335-30	WASHER, LOCK.....	EA	1
30	7	PADZZ	5305-00-989-1729	96906	MS35206-288	SCREW, MACHINE.....	EA	1
30	11	PADZZ	5306-00-476-6666	80063	SM-C-415048-1	BOLT, MACHINE.....	EA	7
30	12	XPDZZ		80063	SM-C-415048-3	SCREW, MACHINE.....	EA	7
30	13	PADZZ	5310-00-891-3428	96906	MS35691-77	NUT, PLAIN, HEXAGON.....	EA	7
30	14	PADZZ	5940-00-557-1629	98410	AA-821-08	TERMINAL, LUG.....	EA	2
30	15	PADZZ	5310-00-514-6674	98044	AN9368516	WASHER, LOCK.....	EA	14
30	18	PADZZ	5935-00-911-2323	80063	SC-C-555860	COVER, ELECTRICAL CO.....	EA	1



NOTE: PREFIX ALL REFERENCE DESIGNATIONS WITH A4.

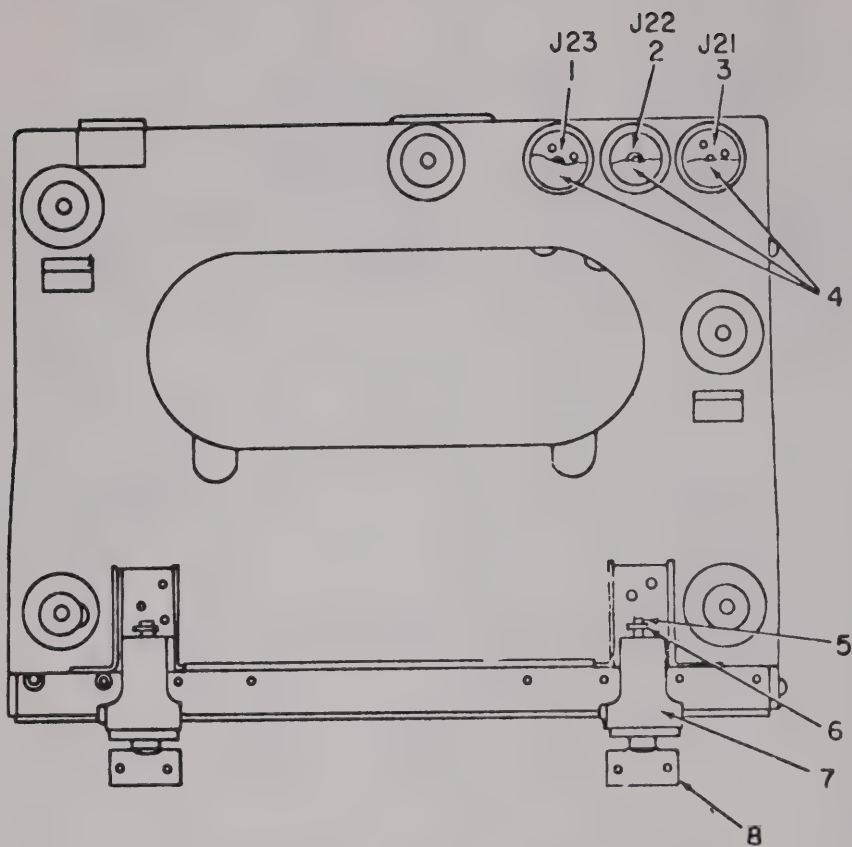
EL5AZ048

Figure 31. Base Assembly MT-1029/VRC, Top View.

SECTION II

TM 11-5420-421-20P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
a) FIG NO.	b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION USABLE ON CODE	U/M	QTY INC IN UNIT
						BASE ASSEMBLY (MT-1029/VFC) (TOP VIEW)		
31	1	PAOZZ	5340-01-017-3713	80363	SM-C-415041-2	MOUNT, RESILIENT.....	EA	5
31	2	PAOZZ	5305-00-051-0227	96976	MS24693C272	SCREW, MACHINE.....	EA	21
31	3	PAOZZ	5310-00-877-5797	96976	MS21044N3	NUT, SELF-LOCKING, HE.....	EA	21
31	5	PAOZZ	5995-01-099-7136	80063	SM-B-415023	LEAD, ELECTRICAL.....	EA	1
31	6	PAOZZ	5310-00-596-7691	96906	MS35335-32	WASHER, LOCK.....	EA	1



NOTE: PREFIX ALL REFERENCE DESIGNATIONS WITH AI.

EL5AZ049

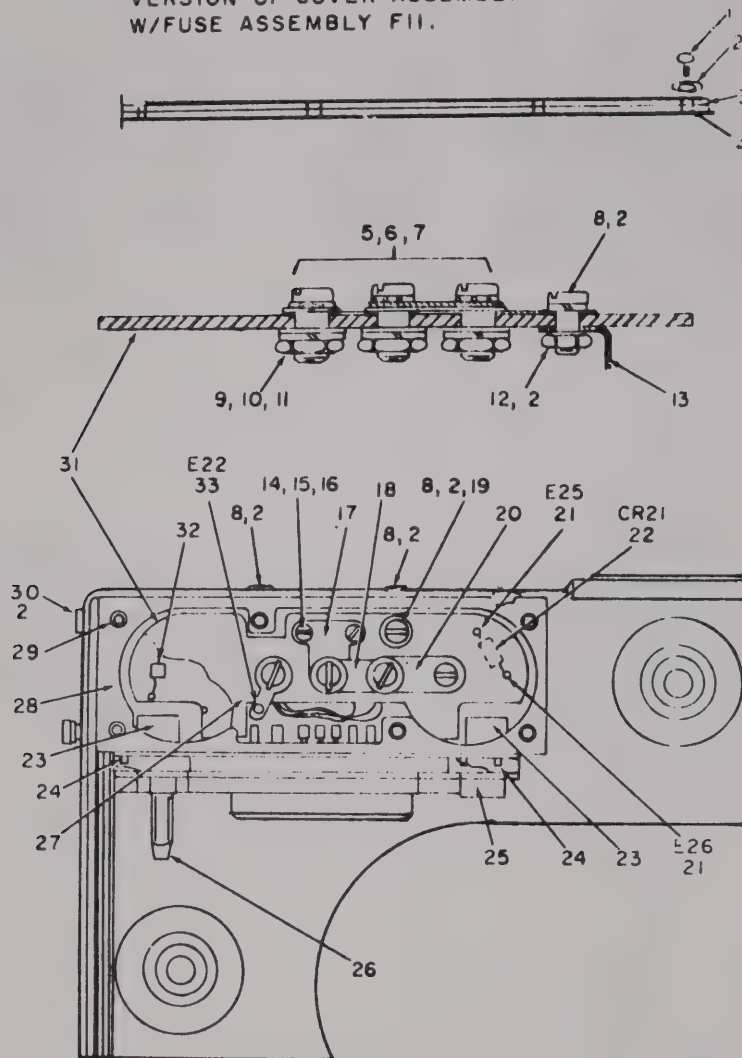
Figure 32. Tray Assembly MT-1029/VRC, Bottom View.

SECTION II

TM 11-5820-401-20P

(1) ILLUSTRATION		(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) FSCM	(5) PART NUMBER	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
(a) FIG NO.	(b) ITEM NO.							
						TRAY ASSEMBLY (MT-1029/VRC) (BOTTOM VIEW)		
32	4	PAOZZ	5935-00-933-3752	80063	SM-B-104328	COVER,ELECTRICAL CD.....	EA	1
32	5	PAOZZ	5315-00-882-1438	96906	MS16562-193	PIN,SPRING.....	EA	2
32	6	PACZZ	5310-00-863-9308	73030	69456A18	WASHER,FLAT.....	EA	2
32	7	PAOZZ	5340-01-082-3032	80063	SM-C-415032	CLAMP.....	EA	2
32	8	PAOZZ	5305-00-451-2924	80063	SM-C-415027	THUMBSCREW.....	EA	2

SEE ILLUSTRATION 43, FOR ORIGINAL
VERSION OF COVER ASSEMBLY
W/FUSE ASSEMBLY F11.



NOTE: PREFIX ALL REFERENCE DESIGNATIONS WITH A1.

EL5AZ050

Figure 33. Connector Assembly MT-1029/VRC.

SECTION II

TM 11-5820-401-20P

(1) ILLUSTRATION		(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) FSCM	(5) PART NUMBER	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
(a) FIG NO.	(b) ITEM NO.							
33	1	PAOZZ	5305-00-847-0784	80063	SM-C-413531-13	CONNECTOR ASSEMBLY (MT-1029/VRC)		
33	2	PAOZZ	5310-00-045-3299	96976	MS35338-42	SCREW, EXTERNALLY RE.....	EA	6
33	3	XAOZZ		80063	SM-C-415006	WASHER, LOCK.....	EA	13
33	4	PAOZZ	5330-01-151-4144	80063	SM-B-415008	COVER ASSEMBLY.....	EA	1
33	5	PAOZZ	5305-00-889-3002	96906	MS35206-242	GASKET, RUBBER.....	EA	1
33	6	PAOZZ	5310-00-820-6653	80045	23MS35338-50	SCREW, MACHINE.....	EA	3
33	18	PAOZZ	6150-00-853-5877	80063	SM-B-414999	WASHER, LOCK.....	EA	3
						BUS, CONDUCTOR.....	EA	1

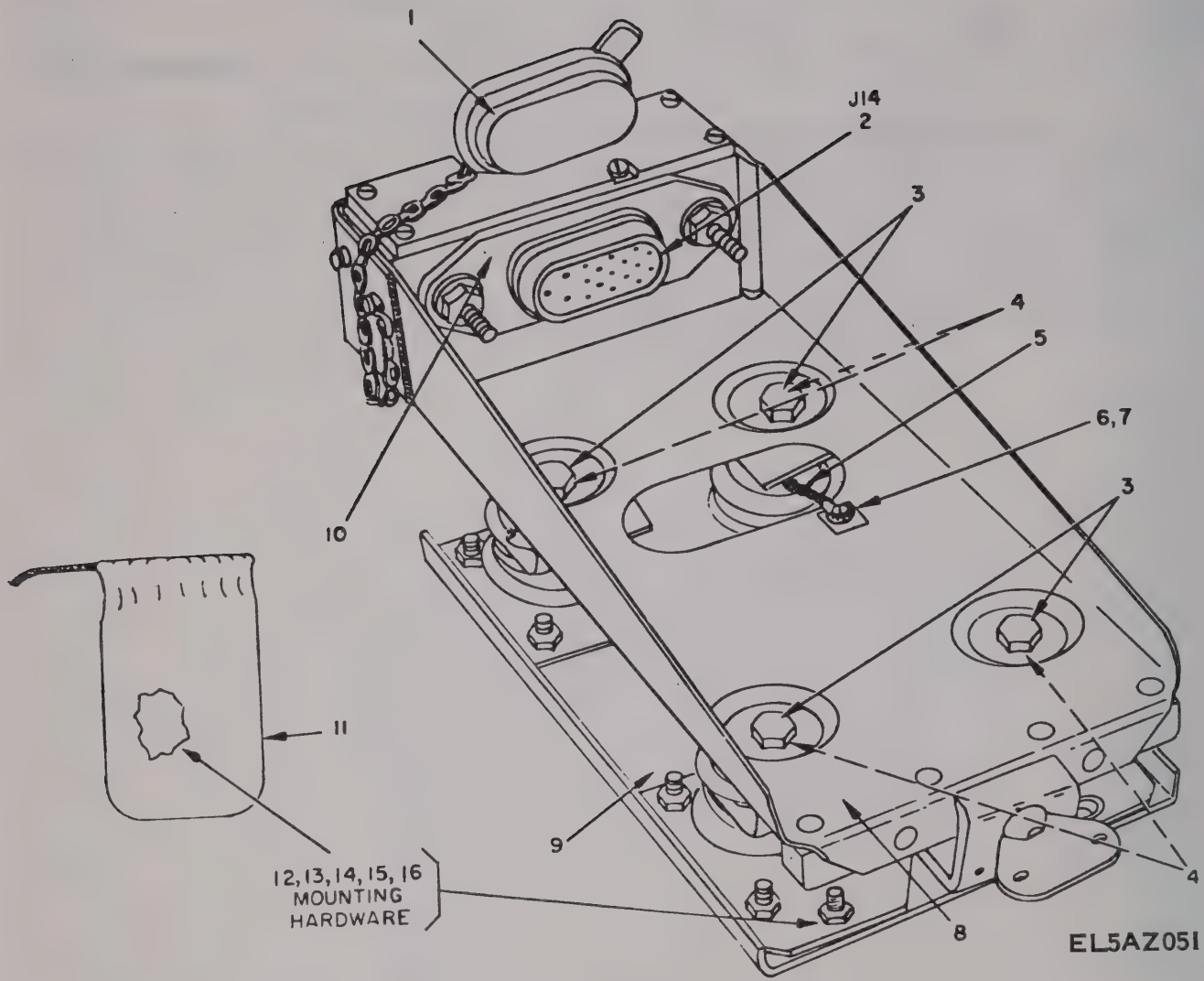
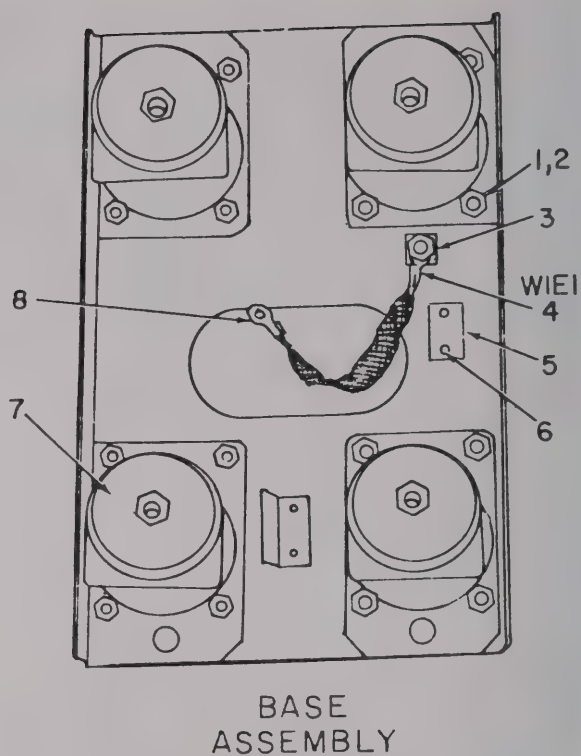
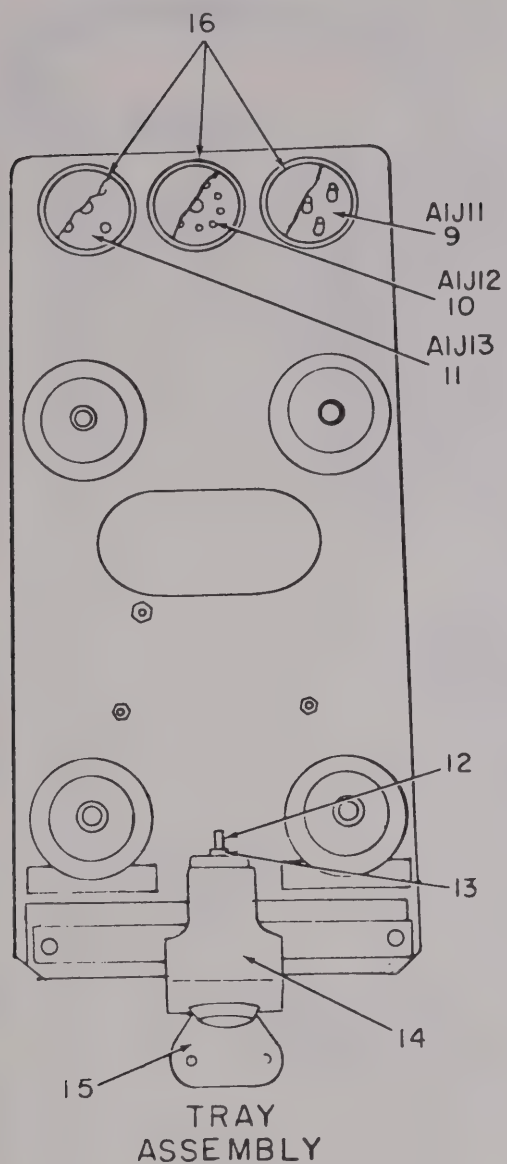


Figure 34. Mounting MT-1898/VRC.

SECTION II

TM 11-5820-401-20P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION	USABLE ON CODE	QTY INC IN UNIT
						GROUP 00 MOUNTING MT-1898/VRC		
34	1	PAOFZ	5935-00-911-2323	80063	SCC555860	COVER,ELECTRICAL CO.....	EA	1
34	3	PAOZZ	5306-00-495-0773	80063	SM-B-415042	BOLT,MACHINE.....	EA	4
34	4	PAOZZ	5310-00-476-6668	80063	SM-B-415021	WASHER,FLAT.....	EA	4
34	5	PAOZZ	5995-00-426-1123	80063	SM-B-415072	LEAD,ELECTRICAL.....	EA	1
34	6	PAOZZ	5305-00-988-1729	96906	MS35206-288	SCREW,MACHINE.....	EA	1
34	7	PAOZZ	5310-00-209-0788	96906	MS35335-30	WASHER,LOCK.....	EA	1
34	13	PAOZZ	5306-00-476-6666	80063	SM-C-415048-1	BOLT,MACHINE.....	EA	5
34	14	XBOZZ		80063	SM-C-415048-3	BOLT,MACHINE.....	EA	5
34	15	PAOZZ	5310-00-891-3428	96906	MS35691-77	NUT,PLAIN,HEXAGON.....	EA	5
34	16	PAOZZ	5310-00-514-6674	88044	AN9368516	WASHER,LOCK.....	EA	10



EL5AZ052

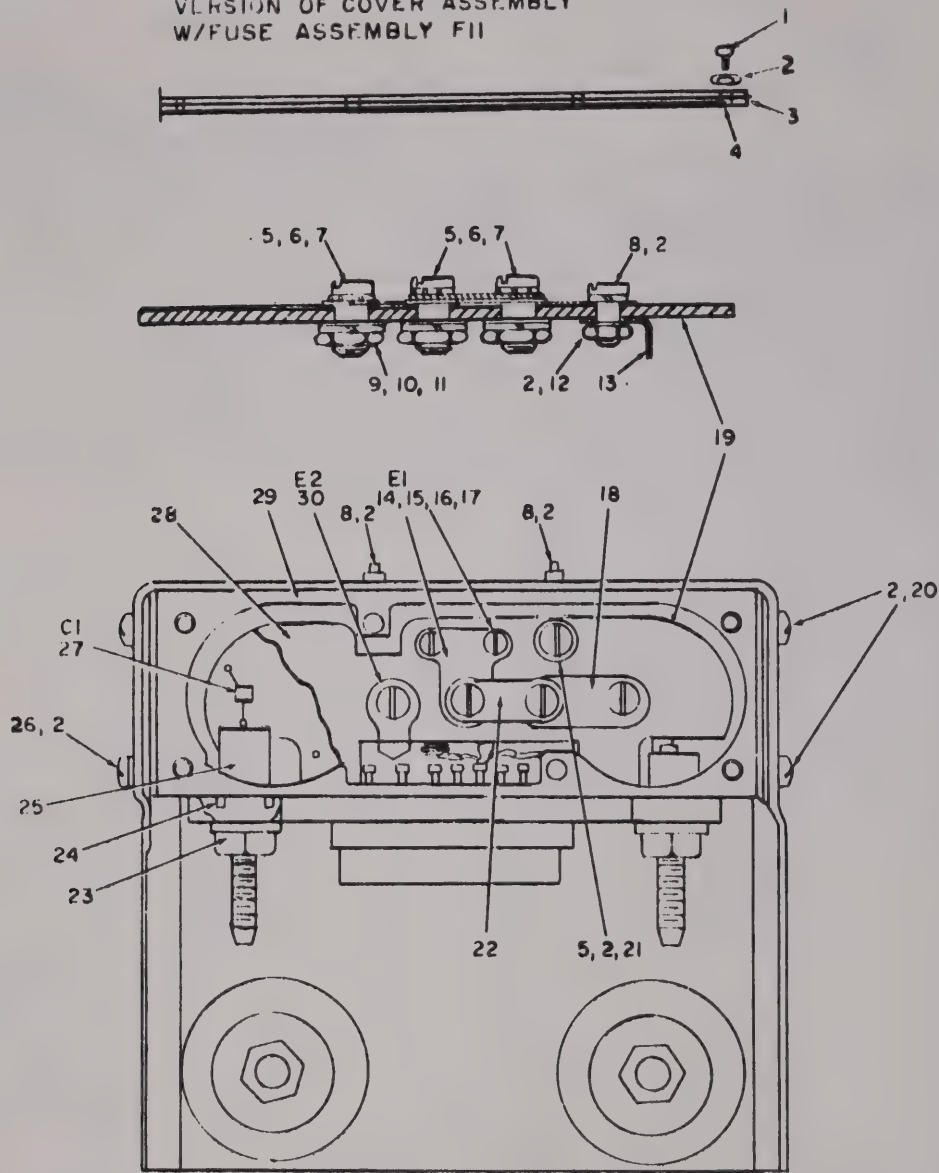
Figure 35. Tray and Base Assemblies MT-1898/VRC.

SECTION II

TM 11-5820-401-20P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION	USABLE ON CODE	QTY INC IN UNIT
							U/M	
						TRAY AND BASE ASSEMBLIES (MT-1898/VRC)		
35	1	PAOZZ	5310-00-877-5797	96906	MS21044N3	NUT, SELF-LOCKING, HE.....	EA	17
35	2	PAOZZ	5305-00-051-0227	96906	MS24693C272	SCREW, MACHINE.....	EA	17
35	3	PAOZZ	5310-00-596-7691	96906	MS35335-32	WASHER, LOCK.....	EA	1
35	6	PAOZZ	5305-00-840-5938	96906	MS21318-19	SCREW, DRIVE.....	EA	2
35	7	PAOZZ	5340-01-012-3714	80063	SM-C-415041-1	MOUNT, RESILIENT.....	EA	4
35	12	PAOZZ	5315-00-882-1438	96906	MS16562-193	PIN, SPRING.....	EA	1
35	13	PAOZZ	5310-00-863-9308	73030	69456A18	WASHER, FLAT.....	EA	1
35	14	PAOZZ	5340-01-082-3032	80063	SM-C-415032	CLAMP.....	EA	1
35	15	PAOZZ	5305-00-451-2924	80063	SM-C-415027	THUMBSCREW.....	EA	1
35	16	PAOZZ	5935-00-933-3752	80063	SM-B-104328	COVER, ELECTRICAL CO.....	EA	3

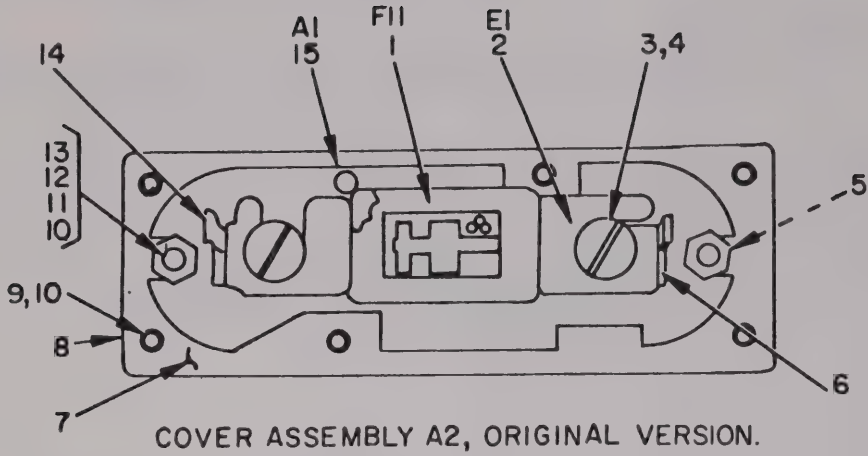
SEE ILLUSTRATION 43 FOR ORIGINAL
VERSION OF COVER ASSEMBLY
W/FUSE ASSEMBLY FII



NOTE: PREFIX ALL DESIGNATIONS WITH AIAI

EL5AZ053

Figure 36. Connector Assembly MT-1898/VRC.



NOTE:
PREFIX REFERENCE DESIGNATIONS WITH A2.

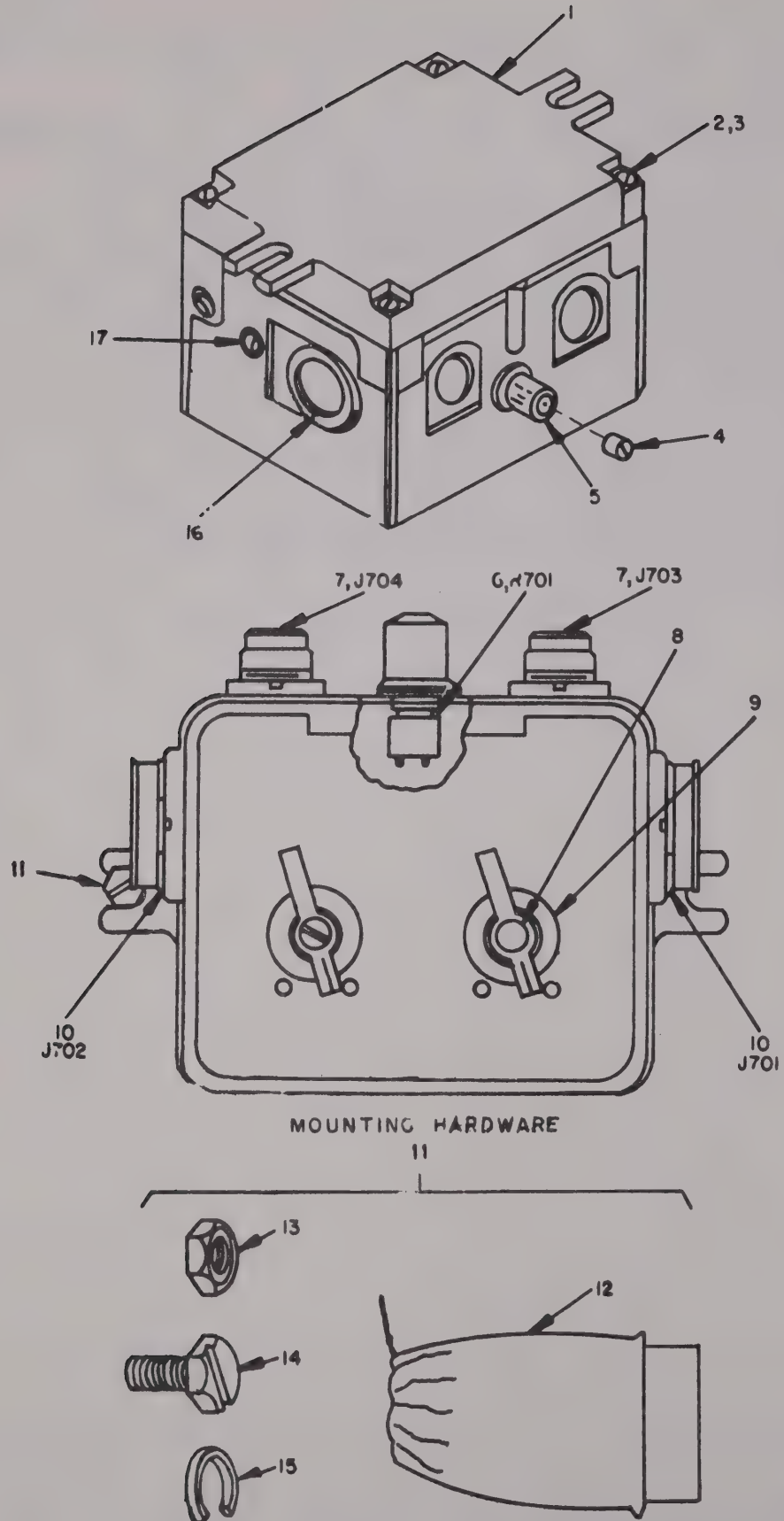
EL5AZ054

Figure 37. Connector Assembly MT-1898/VRC With Fuse Assembly.

SECTION II

TM 11-5820-401-20P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION	U/M	QTY INC IN UNIT
						CONNECTOR ASSEMBLY (MT-1898/VRC) WITH FUSE ASSEMBLY		
37	1	PA0ZZ	5920-00-503-1858	71400	ANL 100	FUSE, INCLOSED LINK.....	FA	1
37	2	PA0ZZ	5940-00-847-1249	80063	SM-C-415013	TERMINAL BOARD.....	EA	1
37	3	PA0ZZ	5305-00-847-0790	80063	SM-C-415009	SCREW, SHOULDER.....	FA	2
37	4	PA0ZZ	5310-00-847-1966	80063	SM-B-415014	NUT, PLAIN, ROUND.....	FA	2
37	5	PA0ZZ	5340-00-858-6641	80063	SM-C-415000-2	INSERT, SCREW THREAD.....	EA	2
37	6	PA0ZZ	5935-00-897-9855	80063	SM-R-415015-1	BRACKET, ELECTRICAL.....	EA	1
37	7	PA0ZZ	5330-01-151-4144	80063	SM-R-415008	GASKET.....	EA	1
37	8	XA0Z7		80063	SM-C-415006	COVER ASSEMBLY.....	EA	1
37	9	PA0ZZ	5305-00-847-0784	80063	SM-C-413531-13	SCREW, EXTERNALLY RE.....	EA	6
37	10	PA0ZZ	5310-00-045-3299	96906	MS35338-42	WASHER, LOCK.....	EA	8
37	11	PA0ZZ	5310-00-660-2971	96906	MS25082-2	NUT, PLAIN, HEXAGON.....	EA	2
37	12	PA0ZZ	5365-00-847-1962	80063	SM-R-415010	SPACER, SLEEVE.....	EA	2
37	13	PA0ZZ	5310-00-515-8058	80044	AN960-8	WASHER, FLAT.....	FA	2
37	14	PA0ZZ		80063	SM-B-415015-2	CONTACT ELEC FUSE.....	FA	1
37	15	XA0ZZ		80063	SM-C-415011	TERMINAL BOARD ASSY.....	EA	1



EL5AZ055

Figure 38. Radio Set Control C-2299/VRC.

SECTION II

TM 11-5820-401-20P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION	U/M	QTY INC IN UNIT
						GROUP QO RADIO SET C-2299/VRC		
38	1	PADZZ	5820-01-028-1043	80063	SM-D-415209	COVER ASSEMBLY.....	EA	1
38	2	PADZZ	5305-00-823-5837	80063	SM-C-413884-7	SCREW, EXTEPNALLY RE.....	EA	4
38	3	PADZZ	5310-00-045-3296	96906	MS35338-43	WASHER, LOCK.....	EA	4
38	4	PADZZ	5310-00-853-9676	80063	SM-B-414395	NUT, SLEEVE.....	EA	1
38	5	PADZZ	5355-00-853-6384	80063	SM-C-414399	KNOB.....	EA	1
38	8	PADZZ	5305-00-865-3895	96906	MS21090-0621	SCREW, SELF-LOCKING.....	EA	2
38	9	PADZZ	5355-00-656-1358	96906	MS91525-2	KNOB.....	EA	2
38	13	PADZZ	5310-00-891-3478	96906	MS35691-77	NUT, PLAIN, HEXAGON.....	EA	3
38	14	PADZZ	5306-00-225-9089	96906	MS90726-34	BOLT, MACHINE.....	EA	3
38	15	PADZZ	5310-00-889-2527	96906	MS45934-72	WASHER, LOCK.....	EA	6
38	16	PADZZ	5935-00-933-3752	80063	SM-B-104328	COVER, ELECTRICAL CO.....	EA	2
38	17	PADZZ	5305-00-245-8836	80063	SM-C-414131-2	SCREW, MACHINE.....	EA	1

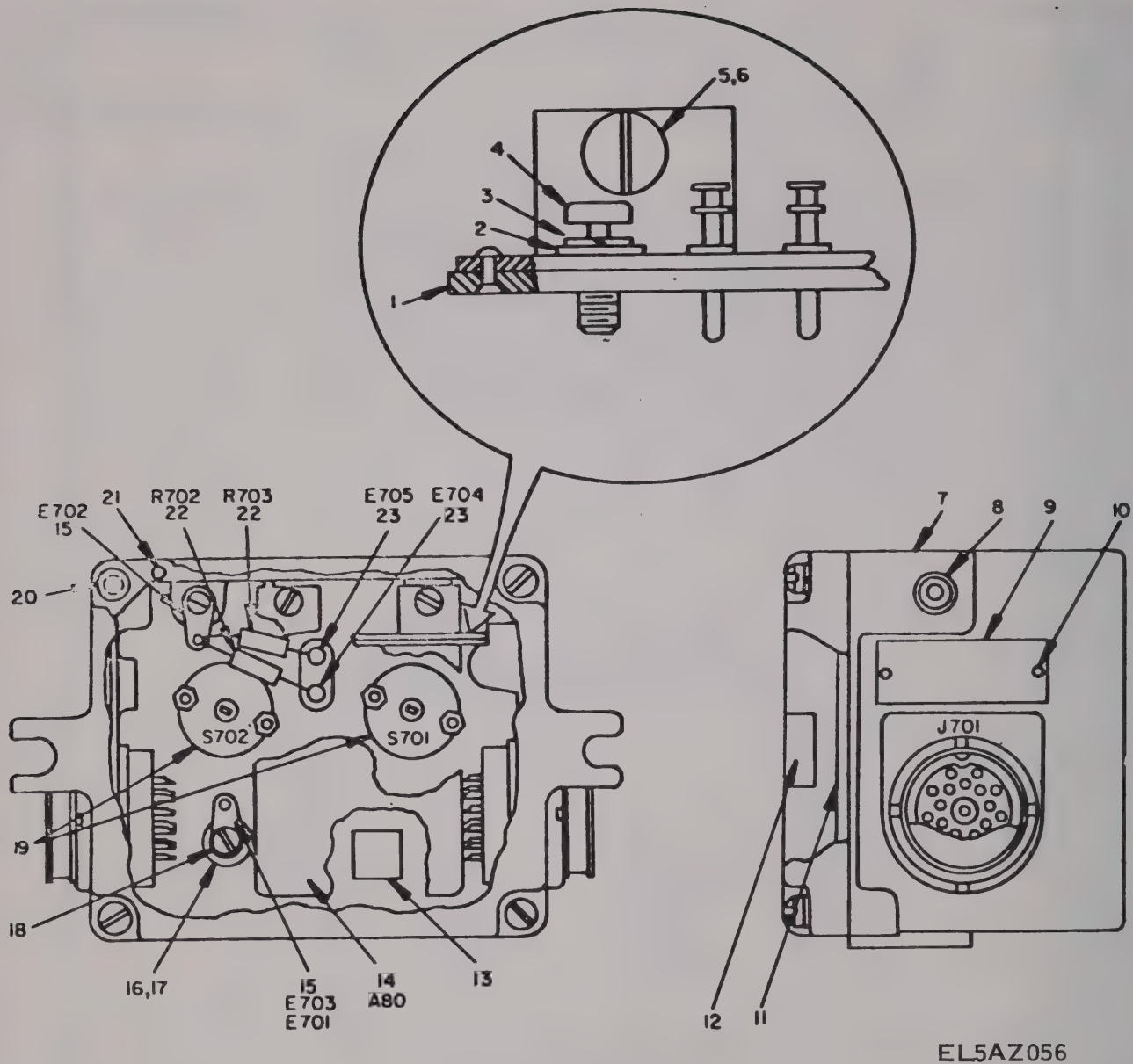


Figure 39. C-2299/VRC, Inside View.

TM 11-5820-421-200

(1) ILLUSTRATION		(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) FSCM	(5) PART NUMBER	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
39	10	PADZZ	5305-00-253-5624	96976	4521318-43	C-2299/VRC (INSIDE VIEW) SCREW, DRIVE.....	EA	2

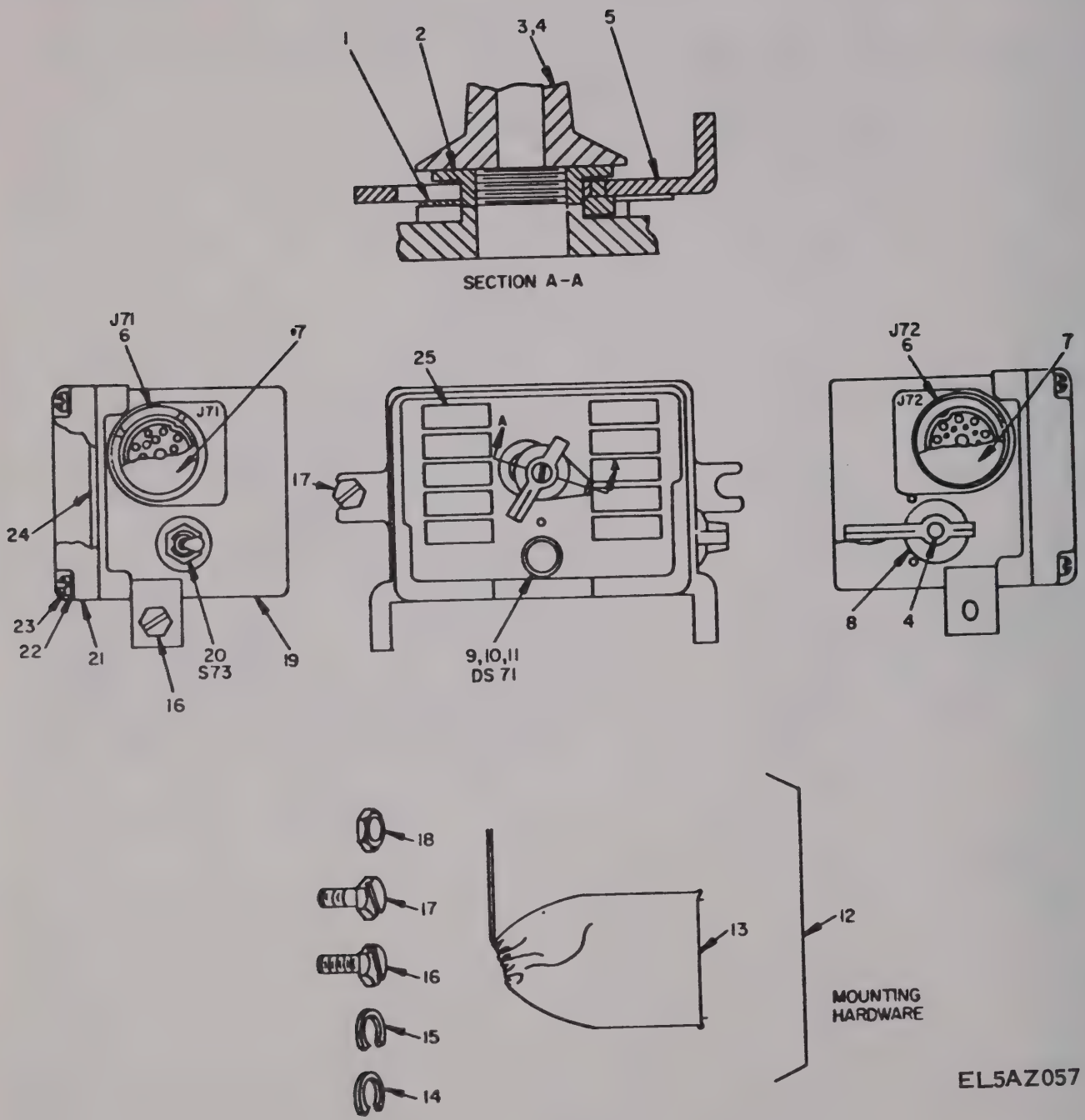
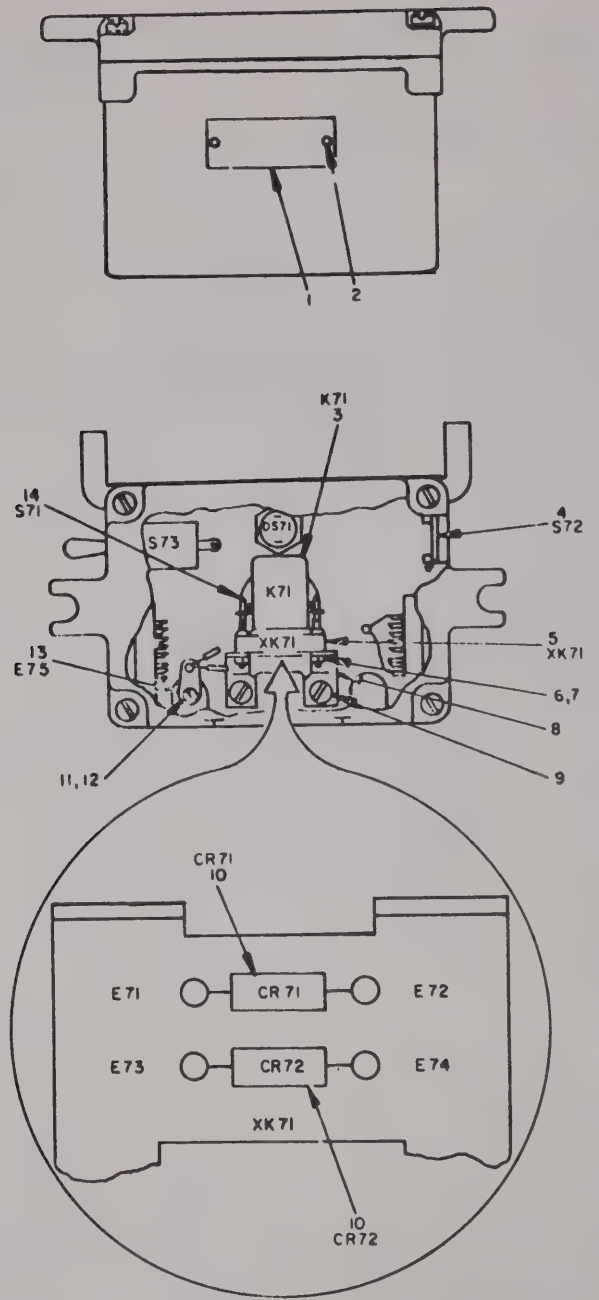


Figure 40. Frequency Control Selector C-2742/VRC.

TM 11-5820-401-20P

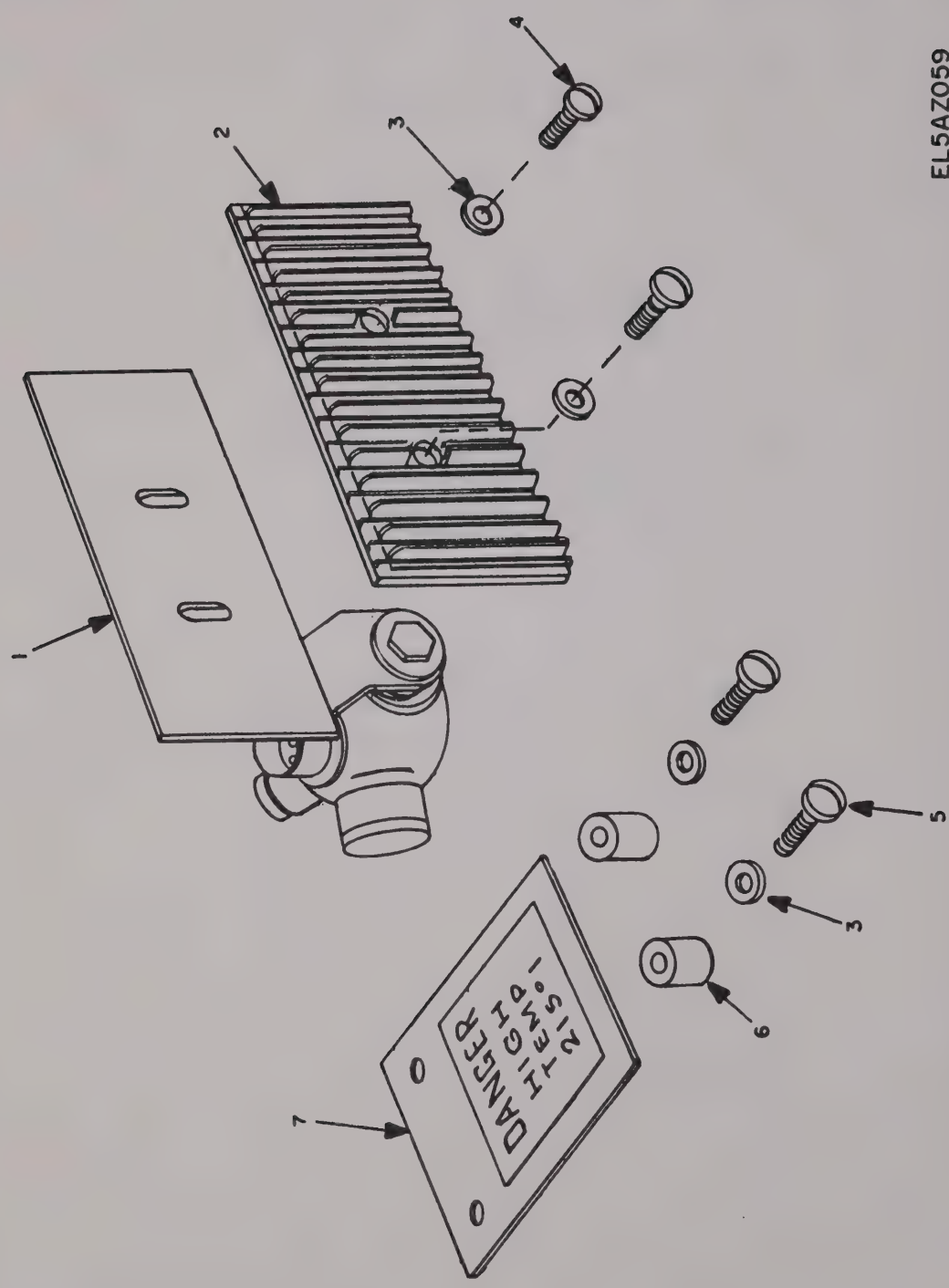
93



EL5AZ058

Figure 41. C-2742/VRC, Inside View.

TM 11-5A20-401-20P



EL5AZ059

Figure 42. Suppres, Electrical Transient MK-2096/GRC.

SECTION 11

TM 11-5320-401-20P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION USABLE ON CODE	U/M	QTY INC IN UNIT
						GROUP 00 ELECTRICAL SUPPRESSOR MK-2096/GRC		
42	1	PAGZZ		80058	AX-10237/GRC	SUPPRESSOR, ELECT TRANSIENT.....	EA	1
42	2	PAGZZ		80063	SM-D-627917	HEATSINK.....	EA	1
42	3	PAGZZ		96909	MS-35338-42	WASHER, LOCK-SPRING.....	EA	6
42	4	PAGZZ		96979	MS-35223-46	SCREW, MACHINE.....	EA	2
42	5	PAGZZ		96909	MS-35223-48	SCREW, MACHINE.....	EA	2
42	6	PAGZZ		80063	SM-C-627943	SPACER.....	EA	2
42	7	PAGZZ		80063	SM-C-627943	GUARD PLATE ASSY.....	EA	1

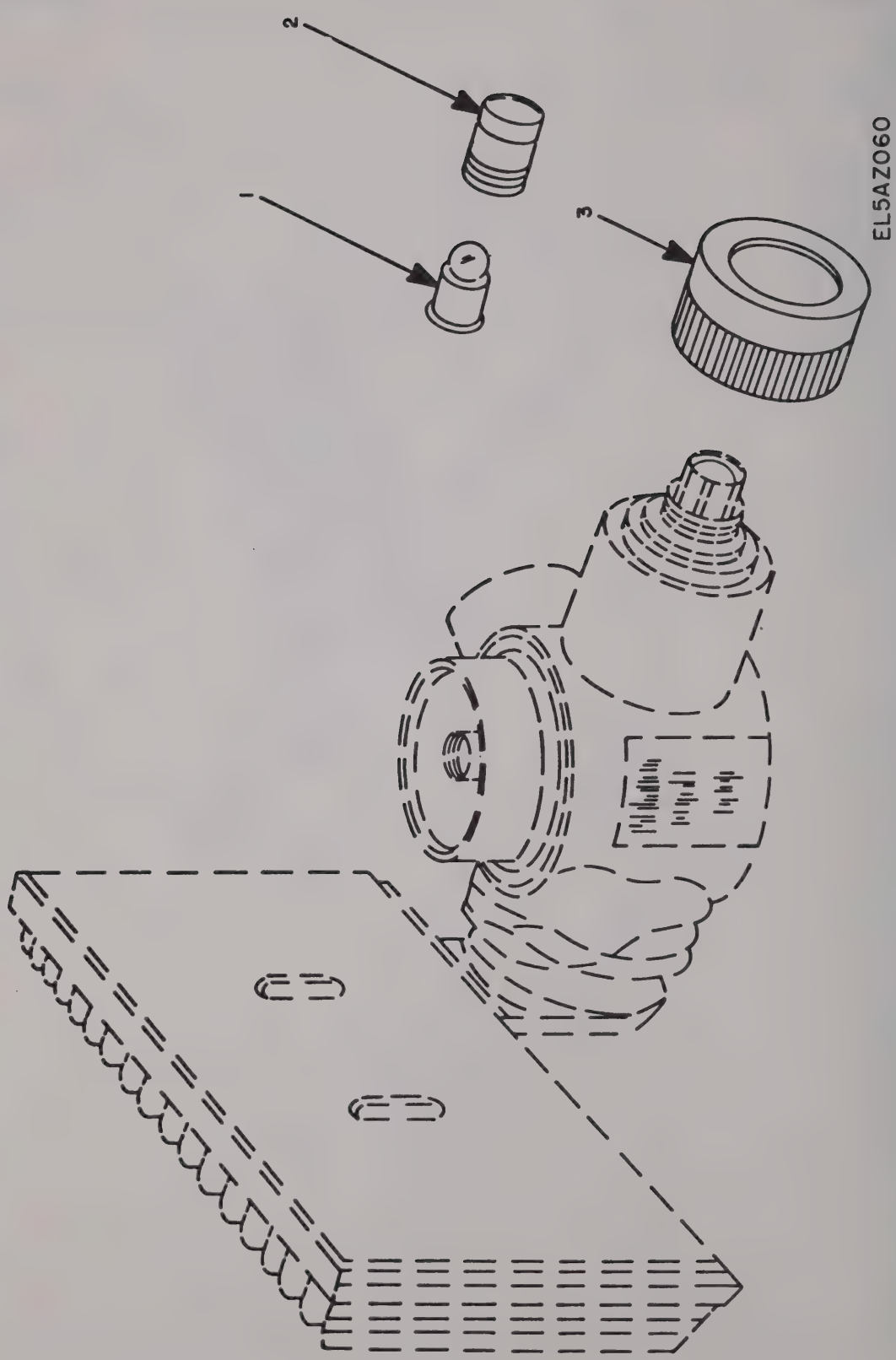


Figure 43. Suppressor, Electrical Transient MX-10237/GRC.

TM 11-5820-401-20P

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SECTION IV NATIONAL STOCK NUMBER AND PART NUMBER INDEX TM 11-5820-401-20P
NOTE: LATEST NATIONAL STOCK NUMBER AND PART NUMBER ASSIGNMENTS ARE INCLUDED AT END OF INDEX.

STOCK NUMBER	FIGURE NO.	ITEM NO.	STOCK NUMBER	FIGURE NO.	ITEM NO.
5820-00-030-0155	10	2	6150-00-853-5877	33	18
5310-00-045-3296	39	3	6150-00-853-5877	36	22
5310-00-045-3296	40	22	5355-00-853-6353	12	6
5310-00-045-3299	33	2	5355-00-853-6353	19	9
5310-00-045-3299	36	2	5355-00-853-6353	26	4
5310-00-045-3299	37	10	5355-00-853-6384	12	17
5305-00-051-0227	31	2	5355-00-853-6384	19	15
5305-00-051-0227	35	2	5355-00-853-6384	26	10
5355-00-059-9188	12	3	5355-00-853-6384	38	5
5355-00-059-9188	19	5	5310-00-853-9676	12	5
5355-00-059-9188	26	11	5310-00-853-9676	19	8
5305-00-064-0506	40	16	5310-00-853-9676	26	6
6240-00-155-7836	12	2	5310-00-853-9676	38	4
6240-00-155-7836	19	1	5340-00-858-6641	37	5
6240-00-155-7836	26	3	5820-00-359-2585	12	20
6240-00-155-7836	40	10	5820-00-359-2585	19	21
5355-00-153-1617	40	3	5820-00-359-2585	26	13
6210-00-183-0513	12	100	5310-00-863-9308	32	6
6210-00-183-0512	26	48	5310-00-863-9308	35	13
5310-00-200-0788	30	6	5305-00-865-3895	38	8
5310-00-209-0788	34	7	5305-00-865-3895	40	4
5820-00-223-7413	9	3	5310-00-877-5797	31	3
5404-00-225-9089	39	14	5310-00-877-5797	35	1
5305-00-225-9089	40	17	5315-00-832-1438	32	5
5940-00-220-602	15	8	5315-00-862-1438	35	12
5305-00-234-6199	15	2	5820-00-884-2466	11	34
5305-00-234-6199	16	3	5820-00-884-2466	18	30
5305-00-234-6199	22	2	6210-00-856-5950	40	11
5305-00-234-6199	23	3	5310-00-839-2527	38	15
5305-00-234-6199	24	5	5310-00-839-2527	40	14
5305-00-234-6199	29	1	5310-00-839-2528	40	15
5975-00-241-5146	12	111	5305-00-839-3002	33	5
5975-00-241-5146	19	71	5305-00-839-3002	36	5
5975-00-241-5146	26	36	5355-00-839-3424	19	4
5305-00-245-7239	38	17	5355-00-839-3424	26	2
5305-00-245-7239	41	2	5310-00-831-3428	30	13
5305-00-245-7239	39	10	5310-00-831-3428	34	15
5920-00-402-7264	9	3	5310-00-831-3428	38	13
5305-00-402-7264	24	5	5310-00-831-3428	40	18
5305-00-451-2926	32	3	5820-00-832-0622	5	1
5305-00-451-2926	35	15	5820-00-832-0622	6	1
5820-00-457-3571	12	43	5820-00-832-0622	7	1
5820-00-457-3571	32	11	5820-00-832-0622	8	1
5305-00-476-6664	34	12	5820-00-832-0622	9	1
5310-00-476-6664	36	4	5820-00-492-0622	10	3
5805-00-495-7771	30	2	5320-00-892-0623	1	1
5806-00-495-7771	34	3	5820-00-892-0623	2	1
5806-00-495-7771	36	1	5820-00-892-0623	3	1
5820-00-507-1455	37	1	5820-00-892-0623	4	1
5310-00-516-7776	36	15	5820-00-892-0624	1	2
5310-00-516-7776	39	16	5820-00-892-0624	3	2
5310-00-516-7776	37	13	5820-00-892-0624	7	2
5305-00-516-7776	39	14	5820-00-892-0624	37	6
5305-00-516-7776	41	112	5820-00-911-2323	30	18
5305-00-516-7776	42	10	5820-00-911-2323	34	1
5310-00-516-7776	43	39	5820-00-911-2323	30	1
5310-00-516-7776	44	3	5820-00-918-1783	32	4
5310-00-516-7776	45	7	5820-00-933-3752	35	16
5305-00-516-7776	46	7	5820-00-933-3752	36	16
5305-00-516-7776	47	7	5820-00-933-3752	40	7
5305-00-516-7776	48	7	5305-00-951-7033	14	2
5305-00-516-7776	49	1	5305-00-951-7033	17	2
5305-00-516-7776	50	1	5305-00-951-7033	21	2
5305-00-516-7776	51	1	5305-00-951-7033	24	2
5305-00-516-7776	52	1	5305-00-951-7033	15	7
5305-00-516-7776	53	11	5305-00-951-7033	1	3
5305-00-516-7776	54	7	5305-00-951-7033	2	2
5305-00-516-7776	55	7	5305-00-951-7033	3	3
5305-00-516-7776	56	7	5305-00-951-7033	4	2
5305-00-516-7776	57	7	5305-00-951-7033	5	2
5305-00-516-7776	58	7	5305-00-951-7033	6	3
5305-00-516-7776	59	7	5305-00-951-7033	7	3
5305-00-516-7776	60	7	5305-00-951-7033	8	2
5305-00-516-7776	61	7	5305-00-951-7033	9	2
5305-00-516-7776	62	7	5305-00-951-7033	10	4
5305-00-516-7776	63	7	5305-00-951-7033	30	7
5305-00-516-7776	64	7	5305-00-951-7033	34	6
5305-00-516-7776	65	7	5305-00-951-7033	17	15
5305-00-516-7776	66	7	5305-00-951-7033	20	5

STOCK NUMBER	FIGURE NO.	ITEM NO.	STOCK NUMBER	FIGURE NO.	ITEM NO.
5340-01-126-7312	11	1	5305-01-126-7312	12	19
5340-01-126-7314	33	7	5305-01-126-7312	19	20
5320-01-126-7315	39	1	5305-01-126-7312	26	12
5320-01-126-7316	40	21	5305-01-133-0155	12	8
5320-01-126-7318	11	32	5305-01-133-0155	19	3
5340-01-126-7319	39	7	5305-01-133-0155	26	1
5340-01-126-7320	35	14	5340-01-136-1819	14	3
5340-01-133-0155	31	5	5340-01-136-1819	21	3
5340-01-133-0157	7	16	5340-01-136-1820	17	3
5340-01-133-1819	11	3	5340-01-136-1820	24	3
5340-01-133-1820	13	2	5330-01-151-4144	33	4
			5330-01-151-4144	37	7

FIGURE ITEM		FIGURE ITEM	
FIG. NO.	ITEM NO.	FIG. NO.	ITEM NO.
96406	AS-1729/VRC	30	14
96406	AS-1729/VRC	19	2
96406	AS-1729/VRC	3	3
96406	AS-1729/VRC	4	3
96406	AS-1729/VRC	37	1
96406	AS-1729/VRC	30	15
96406	AS-1729/VRC	24	16
96406	AS-1729/VRC	30	6
96406	AS-1729/VRC	37	13
96406	AS-1729/VRC	1	3
96406	AS-1729/VRC	2	2
96406	AS-1729/VRC	3	3
96406	AS-1729/VRC	4	2
96406	AS-1729/VRC	5	2
96406	AS-1729/VRC	6	3
96406	AS-1729/VRC	7	3
96406	AS-1729/VRC	8	2
96406	AS-1729/VRC	9	2
96406	AS-1729/VRC	10	4
96406	AS-1729/VRC	12	110
96406	AS-1729/VRC	20	48
96406	AS-1729/VRC	12	8
96406	AS-1729/VRC	10	3
96406	AS-1729/VRC	26	1
96406	AS-1729/VRC	32	5
96406	AS-1729/VRC	35	12
96406	AS-1729/VRC	31	3
96406	AS-1729/VRC	35	1
96406	AS-1729/VRC	38	8
96406	AS-1729/VRC	40	4
96406	AS-1729/VRC	41	2
96406	AS-1729/VRC	30	4
96406	AS-1729/VRC	35	6
96406	AS-1729/VRC	34	10
96406	AS-1729/VRC	31	2
96406	AS-1729/VRC	35	2
96406	AS-1729/VRC	37	11
96406	AS-1729/VRC	12	2
96406	AS-1729/VRC	14	1
96406	AS-1729/VRC	17	1
96406	AS-1729/VRC	21	1
96406	AS-1729/VRC	24	1
96406	AS-1729/VRC	12	112
96406	AS-1729/VRC	19	70
96406	AS-1729/VRC	26	39
96406	AS-1729/VRC	12	15
96406	AS-1729/VRC	15	7
96406	AS-1729/VRC	33	5
96406	AS-1729/VRC	36	5
96406	AS-1729/VRC	30	7
96406	AS-1729/VRC	34	6
96406	AS-1729/VRC	30	6
96406	AS-1729/VRC	34	7
96406	AS-1729/VRC	31	6
96406	AS-1729/VRC	35	3
96406	AS-1729/VRC	33	2
96406	AS-1729/VRC	36	2
96406	AS-1729/VRC	37	10
96406	AS-1729/VRC	38	3
96406	AS-1729/VRC	40	22
96406	AS-1729/VRC	30	13

FSCM	PART NUMBER	FIGURE ITEM		FSCM	PART NUMBER	FIGURE ITEM	
		NO.	NO.			NO.	NO.
96909	SM-C-4150172	26	5	80063	SM-C-415032	35	14
96909	SM-C-447032	27	16	80063	SM-C-4150341-1	35	7
80063	SM-C-415031-13	33	1	80063	SM-C-415041-2	31	1
80063	SM-C-415031-14	37	3	80063	SM-C-415048-1	30	11
80063	SM-C-415034-1	32	2	80063	SM-C-415048-1	34	13
80063	SM-C-415034-1	40	23	80063	SM-C-415048-3	30	17
80063	SM-C-415031-1	45	17	80063	SM-C-415048-3	34	14
80063	SM-C-414204	11	35	80063	SM-C-447032	19	4
80063	SM-C-414204	10	31	80063	SM-C-447032	26	2
80063	SM-C-414204	14	3	80063	SM-C-421056	11	3
80063	SM-C-414204	21	3	80063	SM-C-421056	13	2
80063	SM-C-414204	15	5	80063	SM-C-314005	13	23
80063	SM-C-414204	12	6	80063	SM-C-413949	13	33
80063	SM-C-414204	14	7	80063	SM-C-414204	11	32
80063	SM-C-414304	26	4	80063	SM-C-414204	15	1
80063	SM-C-414304	12	17	80063	SM-C-414204	11	34
80063	SM-C-414304	14	15	80063	SM-C-414204	18	30
80063	SM-C-414304	26	10	80063	SM-C-414204	15	1
80063	SM-C-414304	30	5	80063	SM-C-414204	23	1
80063	SM-C-414304	12	3	80063	SM-C-414304	17	3
80063	SM-C-414304	14	5	80063	SM-C-414304	24	3
80063	SM-C-414304	26	11	80063	SM-C-414304	20	9
80063	SM-C-414304	12	111	80063	SM-C-414304	25	2
80063	SM-C-414304	14	71	80063	SM-C-414304	25	14
80063	SM-C-414304	26	35	80063	SM-C-414304	40	8
80063	SM-C-414304	37	5	80063	SM-C-415161	40	3
80063	SM-C-415036	33	3	80063	SM-C-415173	40	21
80063	SM-C-415036	37	2	80063	SM-C-415209	33	1
80063	SM-C-415036	37	3	80063	SM-C-415209	12	5
80063	SM-C-415036	37	15	80063	SM-C-415209	19	3
80063	SM-C-415036	37	4	80063	SM-C-415209	40	11
80063	SM-C-415036	30	3	80063	SM-C-415209	33	6
80063	SM-C-415036	32	5	80063	SM-C-415209	32	6
80063	SM-C-415036	35	15	80063	SM-C-415209	35	13
80063	SM-C-415036	42	7	80063	SM-C-415209	26	5

LATEST PART NUMBER ASSIGNMENTS

FSCM	PART NUMBER	FIGURE ITEM		FSCM	PART NUMBER	FIGURE ITEM	
		NO.	NO.			NO.	NO.
96909	MS-35223-46	42	4	80063	SM-C-627914	43	2
96909	MS-35223-48	42	5	80063	SM-C-627914	43	3
96909	MS-35338-42	42	3	80063	SM-C-627943	42	6
80063	MX-10237/GPC	42	1	80063	SM-C-627943	42	7
80063	SM-C-627912	43	1	80063	SM-C-627917	42	2

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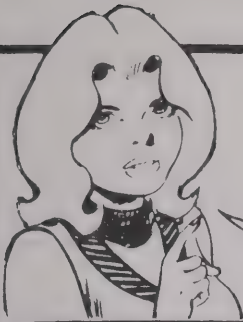
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PUBLICATION DATE

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Radar Set AN/PRC-76

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19

IN THIS SPACE TELL WHAT IS WRONG
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For item 2, change the NSN to read: 5835-00-134-9186.
Reason: Accuracy.

Identify the cover on the junction box (item no. 5).
Reason: It is a separate item and is not called out
on figure 19.

Add the cover of the junction box as an item in the
listing for figure 19.
Reason: Same as above

EXAMPLE

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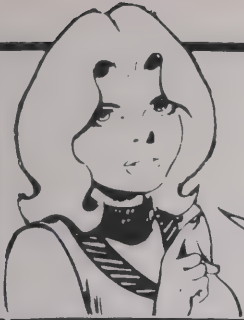
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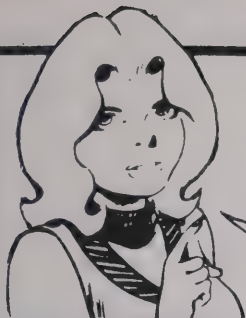


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